

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005608.D
 Acq On : 26 Oct 2018 16:42
 Operator : JC/MD
 Sample : VX1026WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:24 PM

Quant Time: Oct 27 05:32:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	278424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	391945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182008	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	163135	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
35) Dibromofluoromethane	5.49	113	132991	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	8.71	98	446798	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.14	95	166675	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	67070	24.405	ug/l	95
3) Chloromethane	1.32	50	75981	21.710	ug/l	97
4) Vinyl Chloride	1.41	62	75318	21.886	ug/l	91
5) Bromomethane	1.64	94	40456	18.893	ug/l	100
6) Chloroethane	1.71	64	41421	18.841	ug/l	95
7) Trichlorofluoromethane	1.92	101	93738	19.603	ug/l	96
8) Diethyl Ether	2.19	74	37679	19.745	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52395	19.098	ug/l	98
10) Methyl Iodide	2.51	142	63134	23.558	ug/l	98
11) Tert butyl alcohol	3.07	59	91333	99.863	ug/l	100
12) 1,1-Dichloroethene	2.37	96	52681	20.157	ug/l	96
13) Acrolein	2.29	56	42015	90.058	ug/l	100
14) Allyl chloride	2.73	41	112591	19.303	ug/l	97
15) Acrylonitrile	3.15	53	196948	96.033	ug/l	99
16) Acetone	2.45	43	175519	97.732	ug/l	97
17) Carbon Disulfide	2.57	76	143700	18.037	ug/l	99
18) Methyl Acetate	2.78	43	94620	20.464	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	187015	20.060	ug/l	98
20) Methylene Chloride	2.86	84	59322	19.722	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	55507	19.451	ug/l	91
22) Diisopropyl ether	3.86	45	201183	19.751	ug/l #	85
23) Vinyl Acetate	3.82	43	904402	100.815	ug/l	98
24) 1,1-Dichloroethane	3.70	63	107166	19.351	ug/l	99
25) 2-Butanone	4.70	43	279025	102.027	ug/l	93
26) 2,2-Dichloropropane	4.58	77	76430	17.876	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	61772	20.079	ug/l	99
28) Bromochloromethane	5.01	49	53073	19.814	ug/l	96
29) Tetrahydrofuran	5.16	42	181352	101.897	ug/l	98
30) Chloroform	5.21	83	100006	19.305	ug/l	99
31) Cyclohexane	5.57	56	95427	20.826	ug/l #	85
32) 1,1,1-Trichloroethane	5.49	97	86622	18.946	ug/l	99
36) 1,1-Dichloropropene	5.79	75	74074	19.474	ug/l	98
37) Ethyl Acetate	4.85	43	103456	21.314	ug/l	99
38) Carbon Tetrachloride	5.79	117	70857	17.687	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005608.D
 Acq On : 26 Oct 2018 16:42
 Operator : JC/MD
 Sample : VX1026WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1026WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:24 PM

Quant Time: Oct 27 05:32:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78460	18.680	ug/l	99
40) Benzene	6.15	78	229707	21.067	ug/l	99
41) Methacrylonitrile	5.06	41	56872	21.035	ug/l	97
42) 1,2-Dichloroethane	6.19	62	78776	19.018	ug/l	98
43) Isopropyl Acetate	6.46	43	140931	19.376	ug/l	98
44) Trichloroethene	7.21	130	55624	18.726	ug/l	98
45) 1,2-Dichloropropane	7.52	63	54888	18.724	ug/l	97
46) Dibromomethane	7.66	93	34006	17.961	ug/l	98
47) Bromodichloromethane	7.90	83	64547	17.565	ug/l	99
48) Methyl methacrylate	7.77	41	66416	18.744	ug/l	99
49) 1,4-Dioxane	7.75	88	28919	373.465	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	460507	94.208	ug/l	100
52) Toluene	8.79	92	125962	19.008	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	70379	17.721	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	78409	18.338	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	52365	18.743	ug/l	95
56) Ethyl methacrylate	9.18	69	77741	18.655	ug/l	99
57) 1,3-Dichloropropane	9.37	76	86289	18.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	212693	91.384	ug/l	99
59) 2-Hexanone	9.49	43	360080	93.427	ug/l	99
60) Dibromochloromethane	9.59	129	50314	17.261	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53521	18.517	ug/l	100
64) Tetrachloroethene	9.34	164	58058	20.966	ug/l	98
65) Chlorobenzene	10.14	112	141441	19.911	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	48660	18.787	ug/l	99
67) Ethyl Benzene	10.25	91	235858	20.181	ug/l	99
68) m/p-Xylenes	10.36	106	186535	41.138	ug/l	99
69) o-Xylene	10.70	106	88636	20.777	ug/l	100
70) Styrene	10.71	104	147373	20.637	ug/l	99
71) Bromoform	10.86	173	39925	17.274	ug/l #	99
73) Isopropylbenzene	11.02	105	243781	21.911	ug/l	100
74) N-amyl acetate	10.90	43	116030	21.047	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82785	20.169	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	80007m	20.747	ug/l	
77) Bromobenzene	11.26	156	63840	20.589	ug/l	100
78) n-propylbenzene	11.36	91	278428	21.886	ug/l	100
79) 2-Chlorotoluene	11.42	91	168404	21.349	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	204358	21.472	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22564	19.119	ug/l	97
82) 4-Chlorotoluene	11.51	91	198001	21.288	ug/l	100
83) tert-Butylbenzene	11.77	119	199793	21.059	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	211965	21.974	ug/l	99
85) sec-Butylbenzene	11.94	105	245285	21.667	ug/l	100
86) p-Isopropyltoluene	12.07	119	219500	21.690	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	117681	20.183	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	119485	19.632	ug/l	98
89) n-Butylbenzene	12.39	91	190701	20.874	ug/l	99
90) Hexachloroethane	12.60	117	32157	18.424	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	118912	20.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19196	19.342	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
Data File : VX005608.D
Acq On : 26 Oct 2018 16:42
Operator : JC/MD
Sample : VX1026WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS01

Manual Integrations
APPROVED

MMDadoda
10/29/2018 12:43:24 PM

Quant Time: Oct 27 05:32:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88798	20.765	ug/l	98
94) Hexachlorobutadiene	13.79	225	42694	19.266	ug/l	99
95) Naphthalene	13.83	128	282099	22.695	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91752	21.166	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

