

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\
 Data File : VX005517.D
 Acq On : 23 Oct 2018 13:33
 Operator : JC/MD
 Sample : VX1023WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/24/2018 10:02:45 AM

Quant Time: Oct 24 01:39:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169401	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144006	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
35) Dibromofluoromethane	5.50	113	116725	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	8.71	98	405260	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	11.14	95	152454	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37460	20.258	ug/l	97
3) Chloromethane	1.32	50	51559	19.243	ug/l	97
4) Vinyl Chloride	1.40	62	50325	18.541	ug/l	99
5) Bromomethane	1.64	94	30418	20.195	ug/l	96
6) Chloroethane	1.72	64	32236	19.127	ug/l	92
7) Trichlorofluoromethane	1.93	101	75565	20.862	ug/l	91
8) Diethyl Ether	2.19	74	30818	19.924	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45735	21.877	ug/l	95
10) Methyl Iodide	2.51	142	37208	17.913	ug/l	95
11) Tert butyl alcohol	3.07	59	74490	100.606	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40351	19.481	ug/l #	80
13) Acrolein	2.29	56	31963	66.059	ug/l	95
14) Allyl chloride	2.73	41	93114	20.475	ug/l	95
15) Acrylonitrile	3.15	53	169250	100.874	ug/l	96
16) Acetone	2.44	43	147509	97.198	ug/l	89
17) Carbon Disulfide	2.57	76	106988	17.050	ug/l	97
18) Methyl Acetate	2.78	43	99793	23.113	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	157457	21.584	ug/l	96
20) Methylene Chloride	2.85	84	49685	21.729	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	43964	19.152	ug/l	83
22) Diisopropyl ether	3.88	45	171753	22.485	ug/l #	89
23) Vinyl Acetate	3.82	43	722685	108.247	ug/l	95
24) 1,1-Dichloroethane	3.70	63	92191	21.059	ug/l	97
25) 2-Butanone	4.70	43	237760	107.077	ug/l	91
26) 2,2-Dichloropropane	4.58	77	70933	21.666	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	50664	20.309	ug/l	89
28) Bromochloromethane	5.01	49	53960	27.039	ug/l	90
29) Tetrahydrofuran	5.16	42	151196	106.749	ug/l	91
30) Chloroform	5.21	83	86160	21.205	ug/l	84
31) Cyclohexane	5.57	56	71199	19.733	ug/l	86
32) 1,1,1-Trichloroethane	5.48	97	73770	20.865	ug/l	99
36) 1,1-Dichloropropene	5.80	75	61750	19.119	ug/l	99
37) Ethyl Acetate	4.85	43	85647	20.620	ug/l	98
38) Carbon Tetrachloride	5.77	117	64899	19.998	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65269	18.672	ug/l	98
40) Benzene	6.14	78	178625	18.436	ug/l	98
41) Methacrylonitrile	5.06	41	46145	20.723	ug/l	97
42) 1,2-Dichloroethane	6.20	62	68593	20.050	ug/l	96
43) Isopropyl Acetate	6.46	43	119297	21.561	ug/l	96
44) Trichloroethene	7.21	130	47472	18.801	ug/l	85
45) 1,2-Dichloropropane	7.51	63	48969	20.605	ug/l	98
46) Dibromomethane	7.66	93	31381	20.006	ug/l	97
47) Bromodichloromethane	7.90	83	61499	21.196	ug/l	98
48) Methyl methacrylate	7.77	41	61776	21.527	ug/l	92
49) 1,4-Dioxane	7.75	88	25378	383.422	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	429214	112.034	ug/l	93
52) Toluene	8.79	92	110379	20.824	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	66461	21.166	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	72736	21.379	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	47923	21.346	ug/l	97
56) Ethyl methacrylate	9.18	69	69630	21.275	ug/l	92
57) 1,3-Dichloropropane	9.37	76	79650	21.256	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	217110	118.284	ug/l	93
59) 2-Hexanone	9.49	43	333900	108.348	ug/l	92
60) Dibromochloromethane	9.59	129	48648	20.963	ug/l	98
61) 1,2-Dibromoethane	9.67	107	48997	20.795	ug/l	98
64) Tetrachloroethene	9.34	164	50071	20.624	ug/l	97
65) Chlorobenzene	10.14	112	126138	19.664	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	47140	20.622	ug/l	99
67) Ethyl Benzene	10.25	91	211182	20.251	ug/l	96
68) m/p-Xylenes	10.36	106	165450	40.876	ug/l	94
69) o-Xylene	10.70	106	77893	19.954	ug/l	95
70) Styrene	10.71	104	131250	20.442	ug/l	95
71) Bromoform	10.86	173	39921	19.542	ug/l #	100
73) Isopropylbenzene	11.02	105	218743	21.721	ug/l	99
74) N-amyl acetate	10.90	43	103164	21.240	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	77829	20.488	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	72354m	22.020	ug/l	
77) Bromobenzene	11.26	156	58164	20.200	ug/l	96
78) n-propylbenzene	11.36	91	251958	21.742	ug/l	99
79) 2-Chlorotoluene	11.42	91	152324	21.463	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	185672	21.530	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	22039	20.380	ug/l #	94
82) 4-Chlorotoluene	11.51	91	179590	21.347	ug/l	99
83) tert-Butylbenzene	11.77	119	182309	20.876	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	193152	21.765	ug/l	97
85) sec-Butylbenzene	11.94	105	223719	21.648	ug/l	99
86) p-Isopropyltoluene	12.07	119	202152	21.642	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	108934	20.246	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	110540	20.083	ug/l	97
89) n-Butylbenzene	12.39	91	176553	20.817	ug/l	97
90) Hexachloroethane	12.60	117	32702	20.314	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	108500	19.761	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18124	19.559	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	81488	20.229	ug/l	99
94) Hexachlorobutadiene	13.79	225	42165	19.818	ug/l	98
95) Naphthalene	13.83	128	246101	21.066	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	84730	20.557	ug/l	98

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

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