

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\
 Data File : VX005590.D
 Acq On : 25 Oct 2018 15:37
 Operator : JC/MD
 Sample : VX1025WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 10:02:54 AM

Quant Time: Oct 26 06:50:45 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	211669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157233	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	126873	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	5.51	113	99688	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	376100	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.14	95	138814	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	55131	26.388	ug/l	88
3) Chloromethane	1.32	50	60249	22.644	ug/l	99
4) Vinyl Chloride	1.40	62	62926	24.052	ug/l	90
5) Bromomethane	1.64	94	33512	20.586	ug/l	100
6) Chloroethane	1.72	64	33710	20.170	ug/l	99
7) Trichlorofluoromethane	1.93	101	78362	21.556	ug/l	96
8) Diethyl Ether	2.19	74	30104	20.751	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42784	20.512	ug/l	98
10) Methyl Iodide	2.51	142	43080	21.424	ug/l	99
11) Tert butyl alcohol	3.07	59	71837	103.318	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40562	20.414	ug/l	96
13) Acrolein	2.29	56	30092	84.843	ug/l	96
14) Allyl chloride	2.73	41	89903	20.274	ug/l	99
15) Acrylonitrile	3.15	53	158815	101.862	ug/l	99
16) Acetone	2.45	43	144724	105.999	ug/l	100
17) Carbon Disulfide	2.57	76	129244	21.338	ug/l	98
18) Methyl Acetate	2.78	43	74192	21.153	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	147524	20.814	ug/l	99
20) Methylene Chloride	2.85	84	46316	20.255	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	42905	19.777	ug/l	97
22) Diisopropyl ether	3.87	45	151561	19.572	ug/l	98
23) Vinyl Acetate	3.82	43	665876	97.635	ug/l	100
24) 1,1-Dichloroethane	3.70	63	85615	20.335	ug/l	100
25) 2-Butanone	4.70	43	216182	103.978	ug/l	90
26) 2,2-Dichloropropane	4.58	77	59516	18.310	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	44426	18.995	ug/l	97
28) Bromochloromethane	5.02	49	42172	20.710	ug/l	97
29) Tetrahydrofuran	5.15	42	142350	105.207	ug/l	98
30) Chloroform	5.21	83	77728	19.737	ug/l	99
31) Cyclohexane	5.58	56	70307	20.183	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	69286	19.933	ug/l	98
36) 1,1-Dichloropropene	5.80	75	57061	19.342	ug/l	98
37) Ethyl Acetate	4.85	43	75113	19.952	ug/l	99
38) Carbon Tetrachloride	5.78	117	60544	19.485	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65724	20.175	ug/l	99
40) Benzene	6.13	78	179019	21.168	ug/l	97
41) Methacrylonitrile	5.06	41	40510	19.318	ug/l	95
42) 1,2-Dichloroethane	6.20	62	65738	20.462	ug/l	99
43) Isopropyl Acetate	6.46	43	108473	19.228	ug/l	98
44) Trichloroethene	7.21	130	46499	20.183	ug/l	99
45) 1,2-Dichloropropane	7.52	63	45008	19.795	ug/l	98
46) Dibromomethane	7.66	93	30454	20.739	ug/l	99
47) Bromodichloromethane	7.90	83	57623	20.218	ug/l	99
48) Methyl methacrylate	7.77	41	56459	20.544	ug/l	100
49) 1,4-Dioxane	7.75	88	24155	402.190	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	390707	103.052	ug/l	99
52) Toluene	8.79	92	107207	20.859	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61586	19.993	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	68174	20.557	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	44522	20.546	ug/l	99
56) Ethyl methacrylate	9.18	69	65005	20.112	ug/l	100
57) 1,3-Dichloropropane	9.37	76	74857	20.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	182132	100.893	ug/l	100
59) 2-Hexanone	9.49	43	305941	102.346	ug/l	100
60) Dibromochloromethane	9.59	129	45657	20.195	ug/l	100
61) 1,2-Dibromoethane	9.68	107	46388	20.692	ug/l	100
64) Tetrachloroethene	9.34	164	48627	20.734	ug/l	96
65) Chlorobenzene	10.14	112	121585	20.210	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	44356	20.221	ug/l	100
67) Ethyl Benzene	10.25	91	204155	20.626	ug/l	98
68) m/p-Xylenes	10.36	106	159185	41.453	ug/l	99
69) o-Xylene	10.70	106	74615	20.652	ug/l	99
70) Styrene	10.71	104	125245	20.708	ug/l	98
71) Bromoform	10.86	173	37221	19.015	ug/l #	100
73) Isopropylbenzene	11.02	105	207390	21.578	ug/l	100
74) N-amyl acetate	10.90	43	97074	20.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71727	20.228	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	66948m	20.096	ug/l	
77) Bromobenzene	11.26	156	56048	20.924	ug/l	98
78) n-propylbenzene	11.36	91	236794	21.546	ug/l	100
79) 2-Chlorotoluene	11.42	91	142234	20.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	177657	21.607	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19577	19.202	ug/l	96
82) 4-Chlorotoluene	11.51	91	167548	20.852	ug/l	100
83) tert-Butylbenzene	11.77	119	171319	20.903	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	182389	21.888	ug/l	100
85) sec-Butylbenzene	11.94	105	208625	21.333	ug/l	100
86) p-Isopropyltoluene	12.07	119	186934	21.382	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	101661	20.183	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	103017	19.593	ug/l	99
89) n-Butylbenzene	12.39	91	161078	20.409	ug/l	99
90) Hexachloroethane	12.60	117	30010	19.903	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	102143	20.043	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17188	20.047	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	75350	20.397	ug/l	99
94) Hexachlorobutadiene	13.79	225	37289	19.478	ug/l	99
95) Naphthalene	13.83	128	231313	21.541	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	77242	20.627	ug/l	99

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

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