

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013202.D
 Acq On : 24 Oct 2019 11:08
 Operator : JC/SP
 Sample : VX1025WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:53:31 PM

Quant Time: Oct 25 01:52:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	93896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	134839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	139310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91480	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	92829	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
35) Dibromofluoromethane	5.48	113	73799	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	8.71	98	271787	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.14	95	107109	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	34524	18.222	ug/l	97
3) Chloromethane	1.32	50	28675	18.996	ug/l	98
4) Vinyl Chloride	1.40	62	30106	17.657	ug/l	97
5) Bromomethane	1.64	94	20629	22.826	ug/l	96
6) Chloroethane	1.72	64	19867	19.248	ug/l	98
7) Trichlorofluoromethane	1.92	101	51933	19.485	ug/l	96
8) Diethyl Ether	2.18	74	17679	19.158	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31148	18.693	ug/l	97
10) Methyl Iodide	2.50	142	30622	17.094	ug/l	98
11) Tert butyl alcohol	3.03	59	40791	95.084	ug/l	99
12) 1,1-Dichloroethene	2.37	96	29889	18.686	ug/l	98
13) Acrolein	2.28	56	17575	76.275	ug/l	98
14) Allyl chloride	2.72	41	45299	17.989	ug/l	99
15) Acrylonitrile	3.13	53	78437	90.612	ug/l	100
16) Acetone	2.43	43	90785	98.122	ug/l	97
17) Carbon Disulfide	2.56	76	74121	17.236	ug/l	99
18) Methyl Acetate	2.76	43	37836	19.334	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	104659	18.581	ug/l	100
20) Methylene Chloride	2.85	84	33398	19.480	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	32353	19.731	ug/l	90
22) Diisopropyl ether	3.84	45	90326	18.345	ug/l #	87
23) Vinyl Acetate	3.80	43	392908	93.886	ug/l	99
24) 1,1-Dichloroethane	3.69	63	55905	18.459	ug/l	99
25) 2-Butanone	4.65	43	116012	93.496	ug/l	97
26) 2,2-Dichloropropane	4.57	77	52201	18.650	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	35594	18.170	ug/l	99
28) Bromochloromethane	5.00	49	15225	19.496	ug/l	100
29) Tetrahydrofuran	5.11	42	67192	89.838	ug/l	99
30) Chloroform	5.20	83	60525	18.770	ug/l	98
31) Cyclohexane	5.57	56	48556	19.118	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	54656	19.064	ug/l	99
36) 1,1-Dichloropropene	5.79	75	42547	18.802	ug/l	98
37) Ethyl Acetate	4.82	43	40156	17.871	ug/l	99
38) Carbon Tetrachloride	5.78	117	46302	18.578	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	54676	18.941	ug/l	99
40) Benzene	6.13	78	126252	18.641	ug/l	100
41) Methacrylonitrile	5.03	41	22614	18.772	ug/l	98
42) 1,2-Dichloroethane	6.18	62	48456	18.976	ug/l	98
43) Isopropyl Acetate	6.43	43	69060	18.511	ug/l	99
44) Trichloroethene	7.20	130	35504	18.470	ug/l	97
45) 1,2-Dichloropropane	7.51	63	31048	18.303	ug/l	98
46) Dibromomethane	7.65	93	23172	18.960	ug/l	96
47) Bromodichloromethane	7.89	83	45822	19.239	ug/l	99
48) Methyl methacrylate	7.76	41	32837	17.808	ug/l	99
49) 1,4-Dioxane	7.73	88	17800	379.290	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	209910	92.310	ug/l	98
52) Toluene	8.78	92	81335	18.121	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	48333	19.096	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	52513	18.966	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	34129	19.232	ug/l	97
56) Ethyl methacrylate	9.17	69	49699	18.608	ug/l	99
57) 1,3-Dichloropropane	9.37	76	55053	18.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	101540	97.433	ug/l	99
59) 2-Hexanone	9.48	43	162100	92.542	ug/l	98
60) Dibromochloromethane	9.57	129	34877	18.756	ug/l	98
61) 1,2-Dibromoethane	9.67	107	35669	18.934	ug/l	100
64) Tetrachloroethene	9.33	164	35916	19.728	ug/l	97
65) Chlorobenzene	10.14	112	88573	18.163	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	33406	18.543	ug/l	98
67) Ethyl Benzene	10.25	91	160560	18.391	ug/l	98
68) m/p-Xylenes	10.35	106	120105	36.403	ug/l	100
69) o-Xylene	10.70	106	57697	18.230	ug/l	100
70) Styrene	10.71	104	100242	18.394	ug/l	100
71) Bromoform	10.85	173	24409	18.543	ug/l #	99
73) Isopropylbenzene	11.01	105	161268	19.413	ug/l	99
74) N-amyl acetate	10.89	43	56168	18.422	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	47845	18.968	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	46083m	20.901	ug/l	
77) Bromobenzene	11.25	156	38109	19.140	ug/l	98
78) n-propylbenzene	11.35	91	173493	19.226	ug/l	99
79) 2-Chlorotoluene	11.42	91	106118	18.613	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	128959	18.677	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	15045	18.751	ug/l	98
82) 4-Chlorotoluene	11.51	91	123272	19.082	ug/l	99
83) tert-Butylbenzene	11.76	119	123816	18.124	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	136662	19.622	ug/l	98
85) sec-Butylbenzene	11.94	105	154401	19.861	ug/l	100
86) p-Isopropyltoluene	12.06	119	140229	19.200	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	67240	18.694	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	70389	19.220	ug/l	97
89) n-Butylbenzene	12.38	91	117188	19.614	ug/l	99
90) Hexachloroethane	12.59	117	22825	18.662	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	68232	19.291	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11329	18.061	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43683	19.613	ug/l	95
94) Hexachlorobutadiene	13.78	225	21493	18.655	ug/l	97
95) Naphthalene	13.83	128	131206	19.194	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	43214	19.635	ug/l	98

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

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