

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102919\
 Data File : VX013263.D
 Acq On : 29 Oct 2019 12:09
 Operator : JC/SP
 Sample : VX1029WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:49:10 AM

Quant Time: Oct 30 01:56:12 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	75896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	104954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	107177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	74419	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	81316	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
35) Dibromofluoromethane	5.48	113	61696	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	8.71	98	226085	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	11.13	95	91883	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	28236	18.438	ug/l	99
3) Chloromethane	1.32	50	21417	17.627	ug/l	98
4) Vinyl Chloride	1.40	62	23559	17.094	ug/l	96
5) Bromomethane	1.63	94	14595	19.980	ug/l	97
6) Chloroethane	1.72	64	15001	17.803	ug/l	95
7) Trichlorofluoromethane	1.92	101	44170	20.487	ug/l	95
8) Diethyl Ether	2.18	74	13752	18.437	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25910	19.237	ug/l	98
10) Methyl Iodide	2.50	142	25202	17.341	ug/l	99
11) Tert butyl alcohol	3.03	59	33855	97.662	ug/l	100
12) 1,1-Dichloroethene	2.36	96	23249	17.982	ug/l	97
13) Acrolein	2.28	56	14209	76.292	ug/l	96
14) Allyl chloride	2.72	41	34259	16.831	ug/l	94
15) Acrylonitrile	3.13	53	61763	88.272	ug/l	98
16) Acetone	2.43	43	70775	94.637	ug/l	99
17) Carbon Disulfide	2.56	76	56263	16.187	ug/l	99
18) Methyl Acetate	2.76	43	30909	19.530	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	87300	19.175	ug/l	97
20) Methylene Chloride	2.84	84	27026	19.502	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	25401	19.179	ug/l	94
22) Diisopropyl ether	3.84	45	73329	18.425	ug/l	98
23) Vinyl Acetate	3.80	43	311257	92.015	ug/l	100
24) 1,1-Dichloroethane	3.69	63	45255	18.487	ug/l	99
25) 2-Butanone	4.65	43	89237	88.974	ug/l	97
26) 2,2-Dichloropropane	4.57	77	43244	19.114	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	29637	18.717	ug/l	99
28) Bromochloromethane	5.00	49	12727	20.163	ug/l	97
29) Tetrahydrofuran	5.11	42	51774	85.641	ug/l	98
30) Chloroform	5.20	83	51251	19.664	ug/l	97
31) Cyclohexane	5.56	56	38314	18.663	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	46354	20.003	ug/l	98
36) 1,1-Dichloropropene	5.79	75	36245	20.585	ug/l	99
37) Ethyl Acetate	4.82	43	32000	18.296	ug/l	99
38) Carbon Tetrachloride	5.76	117	40053	20.646	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	42940	19.111	ug/l	95
40) Benzene	6.13	78	101652	19.283	ug/l	98
41) Methacrylonitrile	5.03	41	18457	19.684	ug/l	98
42) 1,2-Dichloroethane	6.18	62	41618	20.939	ug/l	100
43) Isopropyl Acetate	6.43	43	55842	19.230	ug/l	98
44) Trichloroethene	7.20	130	29755	19.887	ug/l	99
45) 1,2-Dichloropropane	7.50	63	24727	18.727	ug/l	99
46) Dibromomethane	7.65	93	18821	19.785	ug/l	99
47) Bromodichloromethane	7.89	83	37756	20.366	ug/l	97
48) Methyl methacrylate	7.76	41	26939	18.770	ug/l	99
49) 1,4-Dioxane	7.73	88	14279	390.900	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	167341	94.544	ug/l	99
52) Toluene	8.78	92	66189	18.945	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	40206	20.409	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	43413	20.144	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	27919	20.213	ug/l	97
56) Ethyl methacrylate	9.17	69	41579	20.001	ug/l	98
57) 1,3-Dichloropropane	9.37	76	46062	19.764	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	83628	103.095	ug/l	99
59) 2-Hexanone	9.48	43	131006	96.087	ug/l	98
60) Dibromochloromethane	9.57	129	29336	20.269	ug/l	98
61) 1,2-Dibromoethane	9.67	107	29421	20.064	ug/l	99
64) Tetrachloroethene	9.33	164	29984	21.578	ug/l	99
65) Chlorobenzene	10.14	112	73430	19.572	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	28543	20.594	ug/l	99
67) Ethyl Benzene	10.24	91	132662	19.751	ug/l	99
68) m/p-Xylenes	10.35	106	99452	39.180	ug/l	98
69) o-Xylene	10.70	106	47378	19.457	ug/l	99
70) Styrene	10.71	104	82988	19.793	ug/l	99
71) Bromoform	10.85	173	20928	20.666	ug/l #	99
73) Isopropylbenzene	11.01	105	134231	19.863	ug/l	99
74) N-amyl acetate	10.89	43	45964	18.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	40145	19.564	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	33366m	18.603	ug/l	
77) Bromobenzene	11.25	156	31038	19.163	ug/l	98
78) n-propylbenzene	11.35	91	142238	19.376	ug/l	100
79) 2-Chlorotoluene	11.42	91	87328	18.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	111228	19.802	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12233	18.742	ug/l	95
82) 4-Chlorotoluene	11.51	91	104664	19.916	ug/l	98
83) tert-Butylbenzene	11.76	119	111421	20.049	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	111383	19.659	ug/l	99
85) sec-Butylbenzene	11.94	105	127397	20.144	ug/l	99
86) p-Isopropyltoluene	12.06	119	114423	19.258	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	58397	19.957	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	58113	19.506	ug/l	98
89) n-Butylbenzene	12.38	91	94609	19.465	ug/l	99
90) Hexachloroethane	12.59	117	19456	19.554	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	54419	18.913	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	9258	18.143	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	35405	19.541	ug/l	100
94) Hexachlorobutadiene	13.77	225	18739	19.994	ug/l	97
95) Naphthalene	13.83	128	103554	18.622	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	35913	20.059	ug/l	95

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

