

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102919\
 Data File : VX013264.D
 Acq On : 29 Oct 2019 12:33
 Operator : JC/SP
 Sample : VX1029WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:49:15 AM

Quant Time: Oct 30 01:59:20 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	71505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	102617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	102676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	68619	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	79440	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	5.49	113	61578	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
50) Toluene-d8	8.71	98	220207	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.13	95	86015	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	26556	18.406	ug/l	96
3) Chloromethane	1.32	50	22082	19.198	ug/l	99
4) Vinyl Chloride	1.40	62	22889	17.628	ug/l	99
5) Bromomethane	1.63	94	15034	21.844	ug/l	98
6) Chloroethane	1.72	64	15237	19.404	ug/l	98
7) Trichlorofluoromethane	1.92	101	42348	20.843	ug/l	97
8) Diethyl Ether	2.18	74	13407	19.078	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25767	20.306	ug/l	98
10) Methyl Iodide	2.50	142	26815	19.126	ug/l	99
11) Tert butyl alcohol	3.03	59	34219	104.851	ug/l	98
12) 1,1-Dichloroethene	2.36	96	23077	18.945	ug/l	97
13) Acrolein	2.28	56	15677	89.343	ug/l	96
14) Allyl chloride	2.72	41	34755	18.124	ug/l	95
15) Acrylonitrile	3.13	53	63645	96.547	ug/l	98
16) Acetone	2.43	43	70317	99.798	ug/l	100
17) Carbon Disulfide	2.56	76	55287	16.883	ug/l	99
18) Methyl Acetate	2.76	43	31304	20.921	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	85334	19.894	ug/l	98
20) Methylene Chloride	2.85	84	26802	20.513	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	24710	19.787	ug/l	89
22) Diisopropyl ether	3.84	45	72665	19.379	ug/l	97
23) Vinyl Acetate	3.80	43	307558	96.504	ug/l	99
24) 1,1-Dichloroethane	3.69	63	44554	19.318	ug/l	98
25) 2-Butanone	4.65	43	89888	95.127	ug/l	98
26) 2,2-Dichloropropane	4.57	77	42642	20.006	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	29487	19.766	ug/l	97
28) Bromochloromethane	5.00	49	12578	21.150	ug/l	98
29) Tetrahydrofuran	5.12	42	53595	94.098	ug/l	99
30) Chloroform	5.20	83	49811	20.285	ug/l	100
31) Cyclohexane	5.57	56	36312	18.774	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	46296	21.204	ug/l	99
36) 1,1-Dichloropropene	5.79	75	34963	20.309	ug/l	99
37) Ethyl Acetate	4.82	43	32449	18.976	ug/l	98
38) Carbon Tetrachloride	5.77	117	38241	20.161	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	40303	18.346	ug/l	100
40) Benzene	6.14	78	102162	19.821	ug/l	98
41) Methacrylonitrile	5.03	41	18720	20.419	ug/l	99
42) 1,2-Dichloroethane	6.18	62	42041	21.633	ug/l	99
43) Isopropyl Acetate	6.43	43	56210	19.798	ug/l	99
44) Trichloroethene	7.21	130	28626	19.568	ug/l	98
45) 1,2-Dichloropropane	7.51	63	25300	19.598	ug/l	99
46) Dibromomethane	7.65	93	18419	19.803	ug/l	98
47) Bromodichloromethane	7.89	83	37798	20.853	ug/l	96
48) Methyl methacrylate	7.76	41	27856	19.851	ug/l	97
49) 1,4-Dioxane	7.73	88	14649	410.162	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	170549	98.550	ug/l	100
52) Toluene	8.78	92	66268	19.400	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	39732	20.627	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	42556	20.196	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	27138	20.095	ug/l	95
56) Ethyl methacrylate	9.17	69	41711	20.521	ug/l	98
57) 1,3-Dichloropropane	9.37	76	45783	20.092	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	83886	105.768	ug/l	99
59) 2-Hexanone	9.48	43	133227	99.941	ug/l	98
60) Dibromochloromethane	9.58	129	29963	21.173	ug/l	99
61) 1,2-Dibromoethane	9.67	107	29137	20.323	ug/l	98
64) Tetrachloroethene	9.33	164	27861	20.869	ug/l	97
65) Chlorobenzene	10.14	112	71515	19.897	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	28628	21.561	ug/l	96
67) Ethyl Benzene	10.25	91	128192	19.922	ug/l	100
68) m/p-Xylenes	10.36	106	97433	40.068	ug/l	99
69) o-Xylene	10.70	106	46274	19.837	ug/l	96
70) Styrene	10.71	104	80800	20.116	ug/l	99
71) Bromoform	10.86	173	20946	21.590	ug/l #	99
73) Isopropylbenzene	11.01	105	127391	20.444	ug/l	96
74) N-amyl acetate	10.89	43	46170	20.188	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	38651	20.428	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	33619m	20.328	ug/l	
77) Bromobenzene	11.25	156	30592	20.484	ug/l	93
78) n-propylbenzene	11.35	91	136273	20.133	ug/l	98
79) 2-Chlorotoluene	11.42	91	86649	20.261	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	110810	21.395	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12106	20.115	ug/l	94
82) 4-Chlorotoluene	11.51	91	100185	20.675	ug/l	99
83) tert-Butylbenzene	11.77	119	103912	20.278	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	112083	21.454	ug/l	98
85) sec-Butylbenzene	11.94	105	119517	20.495	ug/l	98
86) p-Isopropyltoluene	12.06	119	109522	19.992	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	55500	20.570	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	55970	20.375	ug/l	97
89) n-Butylbenzene	12.39	91	89350	19.937	ug/l	98
90) Hexachloroethane	12.59	117	19882	21.671	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	55453	20.901	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	10245	21.774	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	34763	20.808	ug/l	97
94) Hexachlorobutadiene	13.78	225	16606	19.215	ug/l	97
95) Naphthalene	13.83	128	106969	20.862	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	33371	20.214	ug/l	98

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

