

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009919.D
 Acq On : 28 May 2019 16:56
 Operator : JC/SP
 Sample : VX0528WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 9:25:21 AM

Quant Time: May 29 04:48:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	166256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	267262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115460	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.50	113	82978	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	8.71	98	341090	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	122101	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43035	21.183	ug/l	100
3) Chloromethane	1.32	50	54674	20.018	ug/l	100
4) Vinyl Chloride	1.41	62	47997	19.494	ug/l	98
5) Bromomethane	1.64	94	28183	18.893	ug/l	97
6) Chloroethane	1.72	64	29263	19.307	ug/l	100
7) Trichlorofluoromethane	1.93	101	53563	19.687	ug/l	100
8) Diethyl Ether	2.19	74	24236	18.956	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31094	18.929	ug/l	99
10) Methyl Iodide	2.51	142	33822	19.736	ug/l	99
11) Tert butyl alcohol	3.05	59	59030	102.134	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31288	18.583	ug/l	99
13) Acrolein	2.29	56	38748	107.696	ug/l	99
14) Allyl chloride	2.73	41	77891	19.034	ug/l	100
15) Acrylonitrile	3.14	53	130841	93.955	ug/l	99
16) Acetone	2.45	43	123794	91.232	ug/l	100
17) Carbon Disulfide	2.57	76	94590	18.795	ug/l	99
18) Methyl Acetate	2.78	43	58292	18.462	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	120373	18.936	ug/l	98
20) Methylene Chloride	2.85	84	38037	18.305	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	34486	18.408	ug/l	98
22) Diisopropyl ether	3.85	45	149425	19.191	ug/l	99
23) Vinyl Acetate	3.82	43	669480	95.710	ug/l	100
24) 1,1-Dichloroethane	3.70	63	71506	18.950	ug/l	99
25) 2-Butanone	4.67	43	199658	94.443	ug/l	100
26) 2,2-Dichloropropane	4.59	77	49694	17.409	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	39627	18.324	ug/l	98
28) Bromochloromethane	5.02	49	35941	18.355	ug/l	97
29) Tetrahydrofuran	5.13	42	131860	97.266	ug/l	100
30) Chloroform	5.21	83	64852	19.057	ug/l	98
31) Cyclohexane	5.58	56	70618	19.759	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	53205	19.197	ug/l	98
36) 1,1-Dichloropropene	5.80	75	49739	18.342	ug/l	100
37) Ethyl Acetate	4.84	43	75366	19.947	ug/l	100
38) Carbon Tetrachloride	5.79	117	44184	18.856	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60812	18.906	ug/l	99
40) Benzene	6.14	78	153245	19.051	ug/l	98
41) Methacrylonitrile	5.04	41	40865	18.509	ug/l	97
42) 1,2-Dichloroethane	6.19	62	56416	18.971	ug/l	100
43) Isopropyl Acetate	6.45	43	113796	18.666	ug/l	99
44) Trichloroethene	7.21	130	36042	18.446	ug/l	100
45) 1,2-Dichloropropane	7.51	63	43742	18.890	ug/l	95
46) Dibromomethane	7.66	93	24259	17.798	ug/l	99
47) Bromodichloromethane	7.90	83	48756	18.810	ug/l	98
48) Methyl methacrylate	7.77	41	56869	18.843	ug/l	99
49) 1,4-Dioxane	7.74	88	22546	401.616	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	381511	96.197	ug/l	100
52) Toluene	8.78	92	93077	19.057	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54874	17.653	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	61755	18.233	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	37098	18.872	ug/l	98
56) Ethyl methacrylate	9.18	69	67820	19.379	ug/l	99
57) 1,3-Dichloropropane	9.37	76	65043	18.424	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	184877	100.742	ug/l	99
59) 2-Hexanone	9.49	43	301720	98.815	ug/l	100
60) Dibromochloromethane	9.58	129	35423	18.319	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37835	18.734	ug/l	99
64) Tetrachloroethene	9.34	164	33663	19.847	ug/l	98
65) Chlorobenzene	10.14	112	94198	18.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33955	19.258	ug/l	98
67) Ethyl Benzene	10.25	91	175520	19.230	ug/l	98
68) m/p-Xylenes	10.36	106	128722	38.174	ug/l	100
69) o-Xylene	10.69	106	62705	19.390	ug/l	99
70) Styrene	10.71	104	107655	18.985	ug/l	98
71) Bromoform	10.85	173	26509	18.393	ug/l #	98
73) Isopropylbenzene	11.02	105	166117	19.295	ug/l	99
74) N-amyl acetate	10.90	43	100565	19.548	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	61959	19.290	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	54269m	19.449	ug/l	
77) Bromobenzene	11.26	156	40694	18.547	ug/l	99
78) n-propylbenzene	11.36	91	192625	19.410	ug/l	99
79) 2-Chlorotoluene	11.42	91	115657	19.075	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	141970	19.574	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19390	17.193	ug/l	93
82) 4-Chlorotoluene	11.51	91	132752	18.808	ug/l	100
83) tert-Butylbenzene	11.77	119	133827	19.286	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	141829	19.255	ug/l	99
85) sec-Butylbenzene	11.94	105	159291	19.295	ug/l	100
86) p-Isopropyltoluene	12.06	119	144370	19.443	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	71425	18.285	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	72394	18.172	ug/l	99
89) n-Butylbenzene	12.38	91	130837	18.749	ug/l	100
90) Hexachloroethane	12.59	117	24117	18.926	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	72600	18.851	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14349	18.979	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	50027	18.177	ug/l	98
94) Hexachlorobutadiene	13.78	225	26319	19.066	ug/l	100
95) Naphthalene	13.83	128	162864	19.016	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	50739	18.418	ug/l	99

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

