

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010555.D
 Acq On : 28 Jun 2019 23:57
 Operator : JC/SP
 Sample : VX0628WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 10:40:52 AM

Quant Time: Jun 29 06:42:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159623	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	95931	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	5.50	113	92790	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
50) Toluene-d8	8.71	98	348216	43.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.38%	
62) 4-Bromofluorobenzene	11.13	95	122813	42.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28942	18.439	ug/l	98
3) Chloromethane	1.32	50	34023	18.615	ug/l	97
4) Vinyl Chloride	1.41	62	38225	19.094	ug/l	98
5) Bromomethane	1.64	94	23858	24.462	ug/l	97
6) Chloroethane	1.72	64	24535	20.773	ug/l	99
7) Trichlorofluoromethane	1.93	101	65836	20.745	ug/l	100
8) Diethyl Ether	2.19	74	24502	21.529	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38626	20.084	ug/l	99
10) Methyl Iodide	2.51	142	54819	19.973	ug/l	97
11) Tert butyl alcohol	3.04	59	61893	111.738	ug/l	100
12) 1,1-Dichloroethene	2.37	96	38054	19.446	ug/l	98
13) Acrolein	2.29	56	31781	86.491	ug/l	96
14) Allyl chloride	2.73	41	54444	19.596	ug/l	99
15) Acrylonitrile	3.14	53	118107	107.695	ug/l	99
16) Acetone	2.44	43	96933	91.369	ug/l	96
17) Carbon Disulfide	2.57	76	85392	16.264	ug/l	97
18) Methyl Acetate	2.78	43	46874	22.169	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	128179	20.820	ug/l	100
20) Methylene Chloride	2.86	84	45495	20.838	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	41663	19.795	ug/l	97
22) Diisopropyl ether	3.85	45	121503	20.917	ug/l	95
23) Vinyl Acetate	3.82	43	512755	102.179	ug/l	99
24) 1,1-Dichloroethane	3.70	63	69545	20.712	ug/l	98
25) 2-Butanone	4.67	43	158399	101.785	ug/l	100
26) 2,2-Dichloropropane	4.59	77	42554	14.589	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	49827	20.487	ug/l	97
28) Bromochloromethane	5.01	49	28806	17.943	ug/l	96
29) Tetrahydrofuran	5.13	42	101974	105.790	ug/l	99
30) Chloroform	5.21	83	74282	20.561	ug/l	98
31) Cyclohexane	5.57	56	59527	19.468	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	64744	20.296	ug/l	100
36) 1,1-Dichloropropene	5.80	75	52476	19.173	ug/l	99
37) Ethyl Acetate	4.84	43	59131	21.001	ug/l	99
38) Carbon Tetrachloride	5.79	117	55375	18.684	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65702	18.263	ug/l	97
40) Benzene	6.14	78	170914	20.044	ug/l	100
41) Methacrylonitrile	5.05	41	31393	20.321	ug/l	97
42) 1,2-Dichloroethane	6.20	62	56070	21.602	ug/l	100
43) Isopropyl Acetate	6.45	43	93915	20.160	ug/l	99
44) Trichloroethene	7.21	130	50305	19.716	ug/l	94
45) 1,2-Dichloropropane	7.51	63	44015	20.441	ug/l	98
46) Dibromomethane	7.66	93	30551	19.775	ug/l	99
47) Bromodichloromethane	7.90	83	54269	19.168	ug/l	98
48) Methyl methacrylate	7.77	41	43238	19.969	ug/l	98
49) 1,4-Dioxane	7.74	88	26748	428.816	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	316387	106.194	ug/l	99
52) Toluene	8.79	92	111203	19.804	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	55159	17.377	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	63578	18.431	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	48860	21.098	ug/l	99
56) Ethyl methacrylate	9.18	69	69392	19.780	ug/l	97
57) 1,3-Dichloropropane	9.37	76	74204	20.642	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	159163	95.529	ug/l	100
59) 2-Hexanone	9.49	43	242376	103.366	ug/l	100
60) Dibromochloromethane	9.58	129	46991	18.123	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50029	20.014	ug/l	100
64) Tetrachloroethene	9.34	164	52180	20.671	ug/l	99
65) Chlorobenzene	10.14	112	127417	20.109	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	44955	19.478	ug/l	97
67) Ethyl Benzene	10.25	91	212102	19.828	ug/l	99
68) m/p-Xylenes	10.36	106	164450	39.676	ug/l	100
69) o-Xylene	10.69	106	80725	19.805	ug/l	98
70) Styrene	10.71	104	137005	20.043	ug/l	99
71) Bromoform	10.85	173	35025	17.451	ug/l #	99
73) Isopropylbenzene	11.02	105	215951	19.958	ug/l	99
74) N-amyl acetate	10.90	43	82456	20.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73120	20.405	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	58372m	20.068	ug/l	
77) Bromobenzene	11.26	156	59665	19.748	ug/l	99
78) n-propylbenzene	11.36	91	237557	19.976	ug/l	100
79) 2-Chlorotoluene	11.42	91	140130	19.788	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	178620	20.024	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17506	14.040	ug/l	89
82) 4-Chlorotoluene	11.51	91	162480	20.164	ug/l	100
83) tert-Butylbenzene	11.77	119	174742	19.518	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	179783	20.061	ug/l	100
85) sec-Butylbenzene	11.94	105	208268	19.812	ug/l	99
86) p-Isopropyltoluene	12.06	119	191443	19.689	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	103421	19.610	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	104746	19.509	ug/l	99
89) n-Butylbenzene	12.38	91	158379	19.169	ug/l	100
90) Hexachloroethane	12.60	117	28052	16.685	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	105347	20.098	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14594	18.889	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	71315	19.619	ug/l	99
94) Hexachlorobutadiene	13.78	225	33133	18.650	ug/l	98
95) Naphthalene	13.83	128	225581	20.194	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	72161	19.966	ug/l	100

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

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