

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041319\
 Data File : VV010323.D
 Acq On : 13 Apr 2019 16:53
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV37

Quant Time: Apr 14 01:14:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR041319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 13 14:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159863	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155762	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83309	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35535	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	38468	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	104592	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	3.96	46	99670	45.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.84%
24) Chloroform-d	4.40	84	89549	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.09	65	45104	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.10	84	164347	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.12	67	52064	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	160062	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.67	79	17551	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.14	63	81729	49.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38473	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	68202	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	74647	4.665	ug/L 96
3) Chloromethane	1.25	50	60703	4.513	ug/L 98
5) Vinyl chloride	1.32	62	68183	4.683	ug/L 98
6) Bromomethane	1.54	94	62403	5.708	ug/L 96
8) Chloroethane	1.60	64	40633	4.100	ug/L 98
9) Trichlorofluoromethane	1.77	101	132572	4.513	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	73229	4.727	ug/L 94
12) 1,1-Dichloroethene	2.14	96	61989	4.754	ug/L 92
13) Acetone	2.20	43	90740	49.665	ug/L # 58
14) Carbon disulfide	2.32	76	163856	4.717	ug/L 99
15) Methyl Acetate	2.47	43	21166	4.882	ug/L 100
16) Methylene chloride	2.54	84	61798	4.283	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	150172	4.815	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	65272	4.551	ug/L 95
19) 1,1-Dichloroethane	3.23	63	120844	4.848	ug/L 98
21) 2-Butanone	4.04	43	107701	48.738	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	58347	4.899	ug/L 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	25830	4.782	ug/L	89
25) Chloroform	4.43	83	102524	4.596	ug/L	98
27) 1,2-Dichloroethane	5.18	62	57977	4.705	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	88865	4.743	ug/L	100
30) Cyclohexane	4.72	56	77137	4.900	ug/L	97
31) Carbon tetrachloride	4.87	117	84716	4.823	ug/L	99
33) Benzene	5.15	78	209057	4.785	ug/L	100
34) Trichloroethene	5.96	95	60964	4.832	ug/L	95
35) Methylcyclohexane	6.17	83	85872	4.645	ug/L	97
37) 1,2-Dichloropropane	6.22	63	50168	4.991	ug/L #	97
38) Bromodichloromethane	6.56	83	64062	4.768	ug/L #	95
39) cis-1,3-Dichloropropene	7.07	75	70906	5.053	ug/L	94
40) 4-Methyl-2-pentanone	7.28	43	267742	48.966	ug/L	96
42) Toluene	7.43	91	238834	4.889	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	52710	4.878	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	37609	4.712	ug/L	95
47) Tetrachloroethene	8.02	164	54400	4.882	ug/L	94
48) 2-Hexanone	8.19	43	189172	51.582	ug/L	98
49) Dibromochloromethane	8.29	129	45738	4.799	ug/L	98
50) 1,2-Dibromoethane	8.40	107	33249	4.599	ug/L #	92
51) Chlorobenzene	8.93	112	159693	4.844	ug/L	96
52) Ethylbenzene	9.05	91	259176	4.944	ug/L	99
53) m,p-xylene	9.18	106	104181	5.053	ug/L	91
54) o-xylene	9.59	106	100737	5.086	ug/L	90
55) Styrene	9.60	104	162168	5.034	ug/L	99
56) Isopropylbenzene	9.98	105	268634	5.125	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	41352	4.812	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	28757	4.714	ug/L	99
61) Bromoform	9.78	173	23040	4.387	ug/L #	98
62) 1,3-Dichlorobenzene	11.23	146	134148	4.850	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	135627	4.838	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	123235	4.735	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	5394	4.438	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	103946	4.895	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	75446	5.005	ug/L	95
69) Naphthalene	13.56	128	94520	5.420	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	72155	5.245	ug/L	96

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

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