

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082319\
 Data File : VV012366.D
 Acq On : 23 Aug 2019 15:41
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV33

Quant Time: Aug 24 01:55:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 24 01:52:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	247208	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	235048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	116096	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65647	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.58	69	48188	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	115244	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.00%
20) 2-Butanone-d5	3.96	46	176632	53.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.10%
24) Chloroform-d	4.40	84	150259	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.08	65	72370	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.09	84	303433	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.11	67	90872	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.36	98	282802	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
43) trans-1,3-Dichloropropene-	7.66	79	34056	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.14	63	111516	54.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	59667	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	97870	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	112868	5.346 ug/L	99
3) Chloromethane	1.25	50	86071	5.300 ug/L	99
5) Vinyl chloride	1.32	62	85607	5.436 ug/L	97
6) Bromomethane	1.54	94	40293	5.607 ug/L	92
8) Chloroethane	1.60	64	43711	5.530 ug/L	98
9) Trichlorofluoromethane	1.77	101	114770	5.476 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	57398	5.258 ug/L	97
12) 1,1-Dichloroethene	2.14	96	54318	5.478 ug/L	97
13) Acetone	2.22	43	78823	54.719 ug/L	99
14) Carbon disulfide	2.31	76	163558	5.249 ug/L	99
15) Methyl Acetate	2.47	43	19011	5.243 ug/L	98
16) Methylene chloride	2.53	84	54423	4.925 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	164959	5.520 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	81145	5.503 ug/L	98
19) 1,1-Dichloroethane	3.22	63	150905	5.504 ug/L	98
21) 2-Butanone	4.05	43	186569	55.143 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	84763	5.270 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	35464	5.303	ug/L	97
25) Chloroform	4.42	83	152407	4.982	ug/L	98
27) 1,2-Dichloroethane	5.18	62	86107	5.334	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	128960	5.492	ug/L	99
30) Cyclohexane	4.72	56	130760	5.390	ug/L	99
31) Carbon tetrachloride	4.87	117	114195	5.499	ug/L	98
33) Benzene	5.14	78	333824	5.570	ug/L	100
34) Trichloroethene	5.96	95	87125	5.386	ug/L	97
35) Methylcyclohexane	6.17	83	133105	5.239	ug/L	99
37) 1,2-Dichloropropane	6.22	63	80136	5.276	ug/L	100
38) Bromodichloromethane	6.55	83	103192	5.508	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	109767	5.376	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	460364	56.428	ug/L	98
42) Toluene	7.43	91	349331	5.706	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	85607	5.543	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	54830	5.572	ug/L	97
47) Tetrachloroethene	8.01	164	72689	5.569	ug/L	98
48) 2-Hexanone	8.19	43	330027	56.220	ug/L	96
49) Dibromochloromethane	8.29	129	65611	5.565	ug/L	100
50) 1,2-Dibromoethane	8.39	107	50391	5.417	ug/L	96
51) Chlorobenzene	8.92	112	217850	5.446	ug/L	98
52) Ethylbenzene	9.05	91	365470	5.546	ug/L	100
53) m,p-xylene	9.18	106	138666	5.613	ug/L	98
54) o-xylene	9.58	106	135065	5.745	ug/L	99
55) Styrene	9.60	104	226129	5.749	ug/L	96
56) Isopropylbenzene	9.97	105	356186	5.661	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	57789	5.471	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	45200	5.418	ug/L	99
61) Bromoform	9.77	173	34910	5.241	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	169747	5.384	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	168130	5.324	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	159202	5.491	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	8268	4.974	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.69	180	128529	5.324	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	92447	5.495	ug/L	98
69) Naphthalene	13.55	128	118266	5.078	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	86126	5.465	ug/L	97

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

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