

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015457.D
 Acq On : 14 Apr 2020 10:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Apr 15 01:27:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 13 12:54:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121815	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	116807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39184	6.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.00%
7) Chloroethane-d5	1.58	69	33067	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.12	63	71933	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.00%
20) 2-Butanone-d5	3.93	46	90103	50.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.54%
24) Chloroform-d	4.38	84	68796	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	36474	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.07	84	139442	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.09	67	42407	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.34	98	133315	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
43) trans-1,3-Dichloropropene-	7.64	79	19090	5.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.80%
46) 2-Hexanone-d5	8.11	63	71273	42.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30069	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	46737	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	58106	4.819 ug/L	99
3) Chloromethane	1.25	50	55322	4.818 ug/L	100
5) Vinyl chloride	1.32	62	53882	4.873 ug/L	97
6) Bromomethane	1.53	94	30979	5.070 ug/L	98
8) Chloroethane	1.60	64	32080	5.003 ug/L	100
9) Trichlorofluoromethane	1.76	101	69819	4.936 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	40644	5.087 ug/L	98
12) 1,1-Dichloroethene	2.13	96	36984	4.837 ug/L	98
13) Acetone	2.21	43	72294	57.658 ug/L #	50
14) Carbon disulfide	2.31	76	124251	4.661 ug/L	100
15) Methyl Acetate	2.46	43	16262	4.384 ug/L #	90
16) Methylene chloride	2.52	84	43164	4.818 ug/L	96
17) Methyl tert-butyl Ether	2.79	73	101323	4.958 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	43433	5.040 ug/L	97
19) 1,1-Dichloroethane	3.21	63	82781	5.096 ug/L	99
21) 2-Butanone	4.01	43	108050	53.327 ug/L #	70
22) cis-1,2-Dichloroethene	3.94	96	45824	5.122 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	18924	5.084	ug/L	96
25) Chloroform	4.40	83	85774	5.160	ug/L	99
27) 1,2-Dichloroethane	5.15	62	51145	4.759	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	77296	5.100	ug/L	97
30) Cyclohexane	4.70	56	77109	4.792	ug/L	100
31) Carbon tetrachloride	4.85	117	66358	5.031	ug/L	99
33) Benzene	5.12	78	174443	4.990	ug/L	100
34) Trichloroethene	5.94	95	46926	4.987	ug/L	98
35) Methylcyclohexane	6.15	83	77874	4.912	ug/L	99
37) 1,2-Dichloropropane	6.20	63	44957	5.185	ug/L	100
38) Bromodichloromethane	6.53	83	58899	5.094	ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	67620	5.082	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	264644	46.480	ug/L	98
42) Toluene	7.41	91	189914	5.004	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	57339	5.096	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	28833	4.947	ug/L	96
47) Tetrachloroethene	8.00	164	35579	5.103	ug/L	98
48) 2-Hexanone	8.16	43	190577	47.905	ug/L	100
49) Dibromochloromethane	8.27	129	36174	5.181	ug/L	98
50) 1,2-Dibromoethane	8.37	107	26881	4.812	ug/L	98
51) Chlorobenzene	8.90	112	120845	4.995	ug/L	99
52) Ethylbenzene	9.03	91	222904	5.102	ug/L	100
53) m,p-xylene	9.16	106	83671	5.071	ug/L	99
54) o-xylene	9.56	106	80788	5.058	ug/L	99
55) Styrene	9.58	104	135548	5.049	ug/L	100
56) Isopropylbenzene	9.95	105	221479	5.058	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	34082	4.804	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	25386	4.735	ug/L	100
61) Bromoform	9.75	173	17917	5.143	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	98056	5.120	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	97054	4.981	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	87557	5.015	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	6650	4.978	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	71773	5.187	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	62488	5.013	ug/L	100
69) Naphthalene	13.53	128	103418	4.404	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	52333	4.753	ug/L	99

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

