

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015717.D
 Acq On : 27 Apr 2020 10:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

Quant Time: Apr 28 01:42:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 27 12:55:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	136231	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	68458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30514	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.57	69	32395	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.12	63	76240	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	3.94	46	123852	54.18	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.36%
24) Chloroform-d	4.37	84	87089	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.05	65	47316	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.07	84	156879	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.09	67	50766	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.33	98	147521	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.64	79	19464	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.11	63	95484	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	39042	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	55772	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	65939	5.651	ug/L 99
3) Chloromethane	1.25	50	58028	5.748	ug/L 98
5) Vinyl chloride	1.32	62	60817	5.641	ug/L 100
6) Bromomethane	1.53	94	25663	5.544	ug/L 97
8) Chloroethane	1.59	64	38691	5.464	ug/L 99
9) Trichlorofluoromethane	1.76	101	88342	5.839	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	49863	5.825	ug/L 97
12) 1,1-Dichloroethene	2.13	96	45246	5.707	ug/L 95
13) Acetone	2.22	43	96551	60.826	ug/L 68
14) Carbon disulfide	2.30	76	126261	5.633	ug/L 100
15) Methyl Acetate	2.46	43	21469	5.687	ug/L 97
16) Methylene chloride	2.52	84	53191	5.434	ug/L 98
17) Methyl tert-butyl Ether	2.79	73	124324	5.586	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	50785	5.720	ug/L 99
19) 1,1-Dichloroethane	3.21	63	100483	5.764	ug/L 100
21) 2-Butanone	4.02	43	140749	57.486	ug/L 97
22) cis-1,2-Dichloroethene	3.93	96	53963	5.497	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	22889	5.709	ug/L	99
25) Chloroform	4.40	83	106663	5.764	ug/L	97
27) 1,2-Dichloroethane	5.15	62	68288	5.617	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	96258	5.757	ug/L	99
30) Cyclohexane	4.70	56	85934	5.379	ug/L	100
31) Carbon tetrachloride	4.85	117	80368	5.804	ug/L	98
33) Benzene	5.12	78	211050	5.603	ug/L	100
34) Trichloroethene	5.93	95	57177	5.496	ug/L	98
35) Methylcyclohexane	6.15	83	85154	5.333	ug/L	98
37) 1,2-Dichloropropane	6.20	63	53907	5.630	ug/L	99
38) Bromodichloromethane	6.53	83	69733	5.735	ug/L #	98
39) cis-1,3-Dichloropropene	7.05	75	73368	5.497	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	345891	55.661	ug/L	99
42) Toluene	7.41	91	226478	5.627	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	62225	5.548	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	37132	5.690	ug/L	99
47) Tetrachloroethene	8.00	164	41492	5.539	ug/L	96
48) 2-Hexanone	8.16	43	251241	56.694	ug/L	100
49) Dibromochloromethane	8.27	129	40452	5.989	ug/L	100
50) 1,2-Dibromoethane	8.37	107	34238	5.673	ug/L	93
51) Chlorobenzene	8.90	112	144626	5.485	ug/L	99
52) Ethylbenzene	9.03	91	259626	5.574	ug/L	99
53) m,p-xylene	9.16	106	96784	5.673	ug/L	100
54) o-xylene	9.56	106	91947	5.570	ug/L	99
55) Styrene	9.58	104	158434	5.656	ug/L	97
56) Isopropylbenzene	9.95	105	259172	5.596	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	43377	5.692	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	33384	5.461	ug/L	99
61) Bromoform	9.75	173	17543	6.208	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	118902	5.488	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	118304	5.414	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	108120	5.517	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	7531	5.899	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	87120	5.441	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	74765	5.074	ug/L	99
69) Naphthalene	13.53	128	123590	4.686	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	66401	5.105	ug/L	99

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

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