

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015780.D
 Acq On : 29 Apr 2020 04:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: Apr 29 06:30:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	120915	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	118939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60565	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39772	6.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.80%
7) Chloroethane-d5	1.58	69	32717	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.12	63	78327	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.20%
20) 2-Butanone-d5	3.94	46	95961	47.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.60%
24) Chloroform-d	4.38	84	67552	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.06	65	40013	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.07	84	135828	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.10	67	41785	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.34	98	126606	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.64	79	15057	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.11	63	70434	41.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30514	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	44162	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	55273	5.337 ug/L	98
3) Chloromethane	1.25	50	51884	5.791 ug/L	99
5) Vinyl chloride	1.32	62	54212	5.665 ug/L	99
6) Bromomethane	1.53	94	25016	6.089 ug/L	97
8) Chloroethane	1.59	64	37926	6.034 ug/L	98
9) Trichlorofluoromethane	1.76	101	77987	5.807 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	42930	5.650 ug/L	97
12) 1,1-Dichloroethene	2.13	96	40122	5.701 ug/L	97
13) Acetone	2.22	43	80806	57.355 ug/L	97
14) Carbon disulfide	2.31	76	105915	5.324 ug/L	99
15) Methyl Acetate	2.46	43	20489	6.115 ug/L	100
16) Methylene chloride	2.52	84	47381	5.453 ug/L	98
17) Methyl tert-butyl Ether	2.79	73	113330	5.737 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	45039	5.716 ug/L	97
19) 1,1-Dichloroethane	3.21	63	91082	5.887 ug/L	98
21) 2-Butanone	4.02	43	126689	58.297 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	48372	5.552 ug/L	95

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

23) Bromochloromethane	4.28	128	20351	5.719	ug/L	96
25) Chloroform	4.40	83	100438	6.115	ug/L	95
27) 1,2-Dichloroethane	5.16	62	62360	5.779	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	82969	5.501	ug/L	99
30) Cyclohexane	4.70	56	75912	5.268	ug/L	99
31) Carbon tetrachloride	4.85	117	68377	5.474	ug/L	96
33) Benzene	5.13	78	189674	5.582	ug/L	100
34) Trichloroethene	5.94	95	51920	5.533	ug/L	97
35) Methylcyclohexane	6.15	83	72574	5.039	ug/L	99
37) 1,2-Dichloropropane	6.20	63	49174	5.693	ug/L	99
38) Bromodichloromethane	6.53	83	60953	5.557	ug/L #	99
39) cis-1,3-Dichloropropene	7.05	75	62575	5.197	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	318809	56.871	ug/L	100
42) Toluene	7.41	91	202995	5.591	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	51777	5.118	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	33703	5.725	ug/L	95
47) Tetrachloroethene	8.00	164	39867	5.900	ug/L	96
48) 2-Hexanone	8.16	43	227414	56.887	ug/L	99
49) Dibromochloromethane	8.27	129	34207	5.614	ug/L	95
50) 1,2-Dibromoethane	8.38	107	31019	5.697	ug/L	99
51) Chlorobenzene	8.90	112	129597	5.448	ug/L	96
52) Ethylbenzene	9.04	91	228862	5.447	ug/L	99
53) m,p-xylene	9.16	106	84698	5.503	ug/L	97
54) o-xylene	9.57	106	81866	5.497	ug/L	100
55) Styrene	9.58	104	143040	5.660	ug/L	100
56) Isopropylbenzene	9.95	105	229425	5.491	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	39433	5.736	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	30443	5.520	ug/L	99
61) Bromoform	9.76	173	14086	5.634	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	104509	5.452	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	105229	5.443	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	96637	5.574	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	5994	5.307	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	72828	5.141	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	65220	5.003	ug/L	99
69) Naphthalene	13.53	128	111746	4.789	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	59308	5.154	ug/L	99

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

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