

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015690.D
 Acq On : 25 Apr 2020 13:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Quant Time: Apr 27 01:00:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134595	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130599	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	65462	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30682	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.57	69	31040	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	74031	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	3.92	46	113514	50.26	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.52%
24) Chloroform-d	4.37	84	80210	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.05	65	45130	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.07	84	146801	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.09	67	47051	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.33	98	140973	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.64	79	16644	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.11	63	90388	48.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36229	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	52660	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	57326	4.973 ug/L	99
3) Chloromethane	1.24	50	47356	4.748 ug/L	98
5) Vinyl chloride	1.32	62	53116	4.986 ug/L	100
6) Bromomethane	1.53	94	17911	3.916 ug/L	90
8) Chloroethane	1.59	64	34895	4.988 ug/L	98
9) Trichlorofluoromethane	1.76	101	78615	5.259 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	42113	4.980 ug/L	97
12) 1,1-Dichloroethene	2.13	96	40066	5.115 ug/L	98
13) Acetone	2.21	43	77245	49.255 ug/L	99
14) Carbon disulfide	2.30	76	110826	5.005 ug/L	100
15) Methyl Acetate	2.45	43	19247	5.161 ug/L	97
16) Methylene chloride	2.52	84	45504	4.705 ug/L	99
17) Methyl tert-butyl Ether	2.78	73	112214	5.103 ug/L	99
18) trans-1,2-Dichloroethene	2.77	96	44063	5.024 ug/L	96
19) 1,1-Dichloroethane	3.21	63	90958	5.281 ug/L	97
21) 2-Butanone	4.01	43	121795	50.349 ug/L	97
22) cis-1,2-Dichloroethene	3.93	96	48395	4.990 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	20765	5.242	ug/L	99
25) Chloroform	4.40	83	96167	5.260	ug/L	97
27) 1,2-Dichloroethane	5.15	62	62118	5.171	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	84711	5.115	ug/L	98
30) Cyclohexane	4.70	56	77411	4.892	ug/L	100
31) Carbon tetrachloride	4.85	117	70003	5.104	ug/L	98
33) Benzene	5.12	78	188654	5.056	ug/L	100
34) Trichloroethene	5.94	95	50498	4.901	ug/L	97
35) Methylcyclohexane	6.15	83	73835	4.669	ug/L	99
37) 1,2-Dichloropropane	6.20	63	47685	5.028	ug/L	98
38) Bromodichloromethane	6.53	83	60471	5.021	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	59024	4.465	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	306694	49.825	ug/L	99
42) Toluene	7.41	91	201321	5.050	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	50117	4.511	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	32970	5.100	ug/L	97
47) Tetrachloroethene	8.00	164	36146	4.872	ug/L	96
48) 2-Hexanone	8.16	43	222566	50.704	ug/L	98
49) Dibromochloromethane	8.27	129	34959	5.225	ug/L	96
50) 1,2-Dibromoethane	8.37	107	30155	5.044	ug/L	93
51) Chlorobenzene	8.90	112	128701	4.928	ug/L	97
52) Ethylbenzene	9.03	91	228354	4.949	ug/L	99
53) m,p-xylene	9.16	106	85228	5.043	ug/L	99
54) o-xylene	9.56	106	81433	4.980	ug/L	99
55) Styrene	9.58	104	141759	5.109	ug/L	98
56) Isopropylbenzene	9.95	105	223620	4.874	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	37446	4.961	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	29521	4.875	ug/L	98
61) Bromoform	9.75	173	15088	5.584	ug/L	96
62) 1,3-Dichlorobenzene	11.20	146	103621	5.001	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	104768	5.014	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	95183	5.080	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	6339	5.193	ug/L #	89
67) 1,3,5-Trichlorobenzene	12.67	180	74646	4.875	ug/L	97
68) 1,2,4-trichlorobenzene	13.28	180	67151	4.765	ug/L	99
69) Naphthalene	13.52	128	117982	4.678	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	59470	4.782	ug/L	99

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

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