

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015623.D
 Acq On : 22 Apr 2020 15:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00557

Quant Time: Apr 23 02:49:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 02:43:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	138813	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	132881	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	69214	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35142	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	33231	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.12	63	77160	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.94	46	120688	51.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.62%
24) Chloroform-d	4.38	84	83584	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.06	65	46256	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.07	84	157455	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.09	67	49963	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.34	98	150265	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.64	79	19779	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.11	63	98517	51.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36741	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	56247	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	60928	5.124	ug/L 99
3) Chloromethane	1.25	50	53305	5.182	ug/L 99
5) Vinyl chloride	1.32	62	55471	5.049	ug/L 100
6) Bromomethane	1.53	94	25801	5.470	ug/L 97
8) Chloroethane	1.59	64	33380	4.626	ug/L 99
9) Trichlorofluoromethane	1.76	101	78237	5.075	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44537	5.106	ug/L 97
12) 1,1-Dichloroethene	2.13	96	41326	5.115	ug/L 95
13) Acetone	2.22	43	80718	49.905	ug/L 99
14) Carbon disulfide	2.31	76	119264	5.222	ug/L 99
15) Methyl Acetate	2.46	43	19889	5.171	ug/L 96
16) Methylene chloride	2.52	84	49599	4.973	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	117114	5.164	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	47092	5.206	ug/L 98
19) 1,1-Dichloroethane	3.21	63	90621	5.102	ug/L 99
21) 2-Butanone	4.02	43	128909	51.671	ug/L 98
22) cis-1,2-Dichloroethene	3.94	96	51433	5.142	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	20905	5.117	ug/L	97
25) Chloroform	4.40	83	95458	5.062	ug/L	99
27) 1,2-Dichloroethane	5.16	62	61416	4.957	ug/L	98
29) 1,1,1-Trichloroethane	4.64	97	85137	5.052	ug/L	100
30) Cyclohexane	4.70	56	82437	5.120	ug/L	99
31) Carbon tetrachloride	4.85	117	70869	5.078	ug/L	97
33) Benzene	5.13	78	193089	5.086	ug/L	100
34) Trichloroethene	5.94	95	53126	5.067	ug/L	97
35) Methylcyclohexane	6.15	83	82135	5.104	ug/L	99
37) 1,2-Dichloropropane	6.20	63	50752	5.259	ug/L	98
38) Bromodichloromethane	6.53	83	62085	5.067	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	70621	5.250	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	319513	51.016	ug/L	99
42) Toluene	7.41	91	207912	5.125	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	59939	5.303	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	33620	5.112	ug/L	99
47) Tetrachloroethene	8.00	164	38611	5.115	ug/L	96
48) 2-Hexanone	8.16	43	234412	52.486	ug/L	100
49) Dibromochloromethane	8.27	129	35610	5.231	ug/L	96
50) 1,2-Dibromoethane	8.37	107	30823	5.067	ug/L	99
51) Chlorobenzene	8.90	112	133700	5.031	ug/L	99
52) Ethylbenzene	9.03	91	240290	5.119	ug/L	99
53) m,p-xylene	9.16	106	90273	5.250	ug/L	100
54) o-xylene	9.57	106	85788	5.156	ug/L	98
55) Styrene	9.58	104	146622	5.193	ug/L	99
56) Isopropylbenzene	9.95	105	238993	5.120	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	39363	5.125	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	30995	5.031	ug/L	97
61) Bromoform	9.75	173	15697	5.494	ug/L	96
62) 1,3-Dichlorobenzene	11.20	146	111048	5.069	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	109775	4.969	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	98544	4.974	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	6644	5.147	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	80960	5.001	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	73026	4.901	ug/L	98
69) Naphthalene	13.53	128	131012	4.913	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	64867	4.933	ug/L	99

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

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