

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015667.D
 Acq On : 24 Apr 2020 09:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00538

Quant Time: Apr 25 00:07:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 24 11:27:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	139175	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131584	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	68142	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32598	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.58	69	31334	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.12	63	75405	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	3.94	46	114870	49.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.38%
24) Chloroform-d	4.37	84	82721	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	46030	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.07	84	151433	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.09	67	46973	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.33	98	143257	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.64	79	19003	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.11	63	91047	48.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36473	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	53086	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	60919	5.110	ug/L	98
3) Chloromethane	1.25	50	52938	5.133	ug/L	99
5) Vinyl chloride	1.32	62	55449	5.034	ug/L	100
6) Bromomethane	1.53	94	23990	5.073	ug/L	99
8) Chloroethane	1.59	64	35153	4.859	ug/L	99
9) Trichlorofluoromethane	1.76	101	79843	5.165	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	45300	5.180	ug/L	97
12) 1,1-Dichloroethene	2.13	96	41174	5.083	ug/L	97
13) Acetone	2.23	43	88480	54.562	ug/L	100
14) Carbon disulfide	2.30	76	116774	5.100	ug/L	100
15) Methyl Acetate	2.46	43	20096	5.211	ug/L	96
16) Methylene chloride	2.52	84	47120	4.712	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	115307	5.071	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	46553	5.133	ug/L	99
19) 1,1-Dichloroethane	3.21	63	91182	5.120	ug/L	99
21) 2-Butanone	4.02	43	132066	52.798	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	49811	4.967	ug/L	100

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 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00538

Quant Time: Apr 25 00:07:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.27	128	20956	5.116	ug/L	97
25) Chloroform	4.40	83	96104	5.083	ug/L	100
27) 1,2-Dichloroethane	5.15	62	62770	5.053	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	85460	5.121	ug/L	99
30) Cyclohexane	4.70	56	80210	5.031	ug/L	99
31) Carbon tetrachloride	4.85	117	71644	5.184	ug/L	100
33) Benzene	5.12	78	191833	5.103	ug/L	100
34) Trichloroethene	5.94	95	52919	5.097	ug/L	97
35) Methylcyclohexane	6.15	83	80960	5.081	ug/L	99
37) 1,2-Dichloropropane	6.19	63	50244	5.258	ug/L	100
38) Bromodichloromethane	6.53	83	62823	5.177	ug/L #	98
39) cis-1,3-Dichloropropene	7.05	75	67949	5.101	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	316559	51.043	ug/L	100
42) Toluene	7.41	91	208398	5.188	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	58237	5.203	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	33854	5.198	ug/L	99
47) Tetrachloroethene	7.99	164	38653	5.171	ug/L	98
48) 2-Hexanone	8.16	43	232915	52.664	ug/L	99
49) Dibromochloromethane	8.27	129	35637	5.287	ug/L	96
50) 1,2-Dibromoethane	8.37	107	31810	5.281	ug/L	93
51) Chlorobenzene	8.90	112	132398	5.031	ug/L	97
52) Ethylbenzene	9.03	91	238165	5.123	ug/L	98
53) m,p-xylene	9.16	106	89497	5.256	ug/L	100
54) o-xylene	9.56	106	86436	5.246	ug/L	97
55) Styrene	9.58	104	145701	5.212	ug/L	100
56) Isopropylbenzene	9.95	105	237917	5.147	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	38568	5.071	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	30223	4.954	ug/L	99
61) Bromoform	9.75	173	14852	5.280	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	108187	5.016	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	109132	5.018	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	99416	5.097	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	6543	5.149	ug/L	90
67) 1,3,5-Trichlorobenzene	12.67	180	80656	5.061	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	70167	4.784	ug/L	97
69) Naphthalene	13.53	128	120752	4.600	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	61840	4.777	ug/L	98

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

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