

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041520\
 Data File : VV015524.D
 Acq On : 15 Apr 2020 21:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00548

Quant Time: Apr 16 00:46:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 00:42:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	105989	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	100237	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	49982	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29764	5.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.20%
7) Chloroethane-d5	1.58	69	27078	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.12	63	62013	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.00%
20) 2-Butanone-d5	3.92	46	80008	51.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.62%
24) Chloroform-d	4.38	84	63320	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.06	65	33388	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	118308	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.10	67	37176	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.34	98	110563	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	7.64	79	14983	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.11	63	63458	43.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25524	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	39867	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	52832	5.036 ug/L	98
3) Chloromethane	1.25	50	50014	5.006 ug/L	100
5) Vinyl chloride	1.32	62	48056	4.995 ug/L	97
6) Bromomethane	1.53	94	26806	5.042 ug/L	98
8) Chloroethane	1.60	64	28823	5.166 ug/L	99
9) Trichlorofluoromethane	1.76	101	66389	5.394 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	36763	5.288 ug/L	99
12) 1,1-Dichloroethene	2.13	96	33873	5.091 ug/L	94
13) Acetone	2.19	43	59381	54.431 ug/L #	52
14) Carbon disulfide	2.31	76	102972	4.440 ug/L	100
15) Methyl Acetate	2.45	43	14991	4.644 ug/L	95
16) Methylene chloride	2.52	84	40029	5.136 ug/L	94
17) Methyl tert-butyl Ether	2.79	73	94458	5.312 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	37898	5.055 ug/L	95
19) 1,1-Dichloroethane	3.21	63	73950	5.233 ug/L	96
21) 2-Butanone	4.00	43	96200	54.568 ug/L #	71
22) cis-1,2-Dichloroethene	3.94	96	40987	5.265 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	16940	5.230	ug/L	94
25) Chloroform	4.40	83	76672	5.301	ug/L	98
27) 1,2-Dichloroethane	5.16	62	50228	5.371	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	70050	5.386	ug/L	98
30) Cyclohexane	4.70	56	69083	5.003	ug/L	98
31) Carbon tetrachloride	4.86	117	60098	5.309	ug/L	99
33) Benzene	5.13	78	158336	5.278	ug/L	100
34) Trichloroethene	5.94	95	44065	5.457	ug/L	97
35) Methylcyclohexane	6.15	83	67560	4.966	ug/L	99
37) 1,2-Dichloropropane	6.20	63	40564	5.452	ug/L	99
38) Bromodichloromethane	6.53	83	51616	5.202	ug/L	94
39) cis-1,3-Dichloropropene	7.05	75	58301	5.106	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	247665	50.689	ug/L	99
42) Toluene	7.41	91	170378	5.231	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	49045	5.079	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	26983	5.395	ug/L	98
47) Tetrachloroethene	8.00	164	31489	5.263	ug/L	97
48) 2-Hexanone	8.16	43	174809	51.206	ug/L	99
49) Dibromochloromethane	8.27	129	31212	5.209	ug/L	97
50) 1,2-Dibromoethane	8.38	107	24960	5.207	ug/L	96
51) Chlorobenzene	8.90	112	108379	5.220	ug/L	99
52) Ethylbenzene	9.03	91	194763	5.194	ug/L	98
53) m,p-xylene	9.16	106	72706	5.135	ug/L	99
54) o-xylene	9.57	106	71295	5.202	ug/L	100
55) Styrene	9.58	104	119599	5.192	ug/L	100
56) Isopropylbenzene	9.95	105	194416	5.174	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	29864	4.906	ug/L	95
59) 1,2,3-Trichloropropane	10.30	75	24036	5.224	ug/L	98
61) Bromoform	9.76	173	14783	5.043	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	86484	5.367	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	86896	5.299	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	77589	5.281	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	5337	4.747	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	63419	5.446	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	56772	5.412	ug/L	98
69) Naphthalene	13.53	128	94994	4.807	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	49644	5.358	ug/L	98

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

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