

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016080.D
 Acq On : 14 May 2020 20:27
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: May 15 06:32:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	157280	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	156316	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79538	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43538	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.58	69	40892	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.12	63	85962	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	3.96	46	131233	53.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.84%
24) Chloroform-d	4.38	84	82832	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.06	65	51890	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.08	84	180122	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.10	67	55031	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.34	98	168803	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
45) trans-1,3-Dichloropropene-	7.65	79	20301	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
48) 2-Hexanone-d5	8.12	63	103204	52.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.44%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41543	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	60167	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	48035	3.986 ug/L	99
3) Chloromethane	1.25	50	53372	4.374 ug/L	99
5) Vinyl chloride	1.32	62	50700	4.345 ug/L	97
6) Bromomethane	1.53	94	26769	4.043 ug/L	98
8) Chloroethane	1.60	64	31717	3.815 ug/L	95
9) Trichlorofluoromethane	1.77	101	69684	4.354 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	39189	4.335 ug/L	97
12) 1,1-Dichloroethene	2.13	96	36994	4.274 ug/L	95
13) Acetone	2.24	43	70311	43.792 ug/L	64
14) Carbon disulfide	2.31	76	119131	4.169 ug/L	100
15) Methyl Acetate	2.47	43	16530	4.455 ug/L	97
16) Methylene chloride	2.53	84	49950	4.823 ug/L	97
17) Methyl tert-butyl Ether	2.79	73	97778	4.347 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	42568	4.450 ug/L	99
19) 1,1-Dichloroethane	3.22	63	82935	4.502 ug/L	99
21) 2-Butanone	4.04	43	110913	45.360 ug/L	92
22) cis-1,2-Dichloroethene	3.94	96	43979	4.392 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	18772	4.392	ug/L	97
25) Chloroform	4.41	83	99012	4.880	ug/L	99
27) 1,2-Dichloroethane	5.16	62	55403	4.444	ug/L	99
29) 1,1,1-Trichloroethane	4.64	97	73608	4.270	ug/L	100
30) Cyclohexane	4.70	56	72537	4.199	ug/L	97
31) Carbon tetrachloride	4.86	117	63346	4.258	ug/L	99
33) Benzene	5.13	78	172581	4.388	ug/L	100
34) Trichloroethene	5.94	95	44920	4.002	ug/L	95
35) Methylcyclohexane	6.16	83	70460	4.150	ug/L	96
37) 1,2-Dichloropropane	6.20	63	44749	4.479	ug/L	99
38) Bromodichloromethane	6.53	83	54627	4.305	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	59211	4.193	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	289100	46.422	ug/L	100
42) Toluene	7.41	91	192059	4.607	ug/L	97
43) 1,3,5-Trimethylbenzene	10.56	105	171692	4.487	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	169401	4.430	ug/L #	100
46) trans-1,3-Dichloropropene	7.68	75	50535	4.236	ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	29400	4.406	ug/L	99
49) Tetrachloroethene	8.00	164	34669	4.426	ug/L	98
50) 2-Hexanone	8.17	43	206503	46.889	ug/L	99
51) Dibromochloromethane	8.27	129	32370	4.317	ug/L	95
52) 1,2-Dibromoethane	8.38	107	27674	4.472	ug/L	97
53) Chlorobenzene	8.90	112	121790	4.543	ug/L	98
54) Ethylbenzene	9.04	91	212235	4.477	ug/L	99
55) m,p-xylene	9.16	106	79762	4.544	ug/L	98
56) o-xylene	9.57	106	78092	4.654	ug/L	96
57) Styrene	9.58	104	131828	4.697	ug/L	99
58) Isopropylbenzene	9.95	105	207868	4.509	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	35832	5.025	ug/L	96
62) Bromoform	9.76	173	15366	4.205	ug/L	96
63) 1,3-Dichlorobenzene	11.20	146	95899	4.475	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	96724	4.493	ug/L	100
66) 1,2-Dichlorobenzene	11.67	146	88059	4.540	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	6106	4.824	ug/L	92
68) 1,3,5-Trichlorobenzene	12.67	180	66245	4.228	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	55309	4.108	ug/L	100
70) Naphthalene	13.53	128	92759	4.332	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	52121	4.389	ug/L	98

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

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