

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015688.D
 Acq On : 24 Apr 2020 20:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Quant Time: Apr 25 00:23:31 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	135055	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	129510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	65765	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31029	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	33160	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	75054	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.91	46	117294	51.76	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.38	84	84582	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.06	65	46140	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.08	84	151994	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.10	67	48066	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	144482	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.64	79	15962	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.11	63	93346	50.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	37238	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	54273	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	58819	5.085	ug/L 98
3) Chloromethane	1.25	50	46888	4.685	ug/L 100
5) Vinyl chloride	1.32	62	54820	5.129	ug/L 97
6) Bromomethane	1.53	94	11609	2.530	ug/L 100
8) Chloroethane	1.59	64	40012	5.700	ug/L 90
9) Trichlorofluoromethane	1.76	101	81542	5.436	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44076	5.194	ug/L 96
12) 1,1-Dichloroethene	2.13	96	40746	5.184	ug/L 94
13) Acetone	2.19	43	78562	49.924	ug/L 98
14) Carbon disulfide	2.31	76	109641	4.934	ug/L 100
15) Methyl Acetate	2.45	43	19128	5.111	ug/L 98
16) Methylene chloride	2.52	84	47461	4.891	ug/L 97
17) Methyl tert-butyl Ether	2.78	73	116163	5.265	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	46936	5.333	ug/L 99
19) 1,1-Dichloroethane	3.21	63	93164	5.391	ug/L 100
21) 2-Butanone	3.99	43	126342	52.051	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	51196	5.261	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	20395	5.131	ug/L	98
25) Chloroform	4.40	83	96377	5.253	ug/L	97
27) 1,2-Dichloroethane	5.16	62	61954	5.140	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	86190	5.248	ug/L	99
30) Cyclohexane	4.70	56	79162	5.045	ug/L	99
31) Carbon tetrachloride	4.86	117	69954	5.143	ug/L	100
33) Benzene	5.13	78	194275	5.250	ug/L	100
34) Trichloroethene	5.94	95	52959	5.183	ug/L	98
35) Methylcyclohexane	6.15	83	78047	4.976	ug/L	100
37) 1,2-Dichloropropane	6.20	63	51008	5.423	ug/L	99
38) Bromodichloromethane	6.53	83	60916	5.101	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	61054	4.657	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	318408	52.163	ug/L	100
42) Toluene	7.41	91	209376	5.296	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	51010	4.630	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	33917	5.291	ug/L	98
47) Tetrachloroethene	8.00	164	37817	5.140	ug/L	97
48) 2-Hexanone	8.16	43	231310	53.139	ug/L	98
49) Dibromochloromethane	8.27	129	32211	4.855	ug/L	97
50) 1,2-Dibromoethane	8.38	107	30999	5.229	ug/L	96
51) Chlorobenzene	8.90	112	131911	5.093	ug/L	97
52) Ethylbenzene	9.03	91	239353	5.231	ug/L	98
53) m,p-xylene	9.16	106	89678	5.351	ug/L	100
54) o-xylene	9.57	106	86629	5.342	ug/L	97
55) Styrene	9.58	104	146757	5.333	ug/L	100
56) Isopropylbenzene	9.95	105	235381	5.174	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	40261	5.379	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	31197	5.195	ug/L	100
61) Bromoform	9.75	173	12390	4.564	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	108889	5.231	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	107245	5.109	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	98421	5.228	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	5992	4.886	ug/L	91
67) 1,3,5-Trichlorobenzene	12.67	180	77840	5.061	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	69298	4.895	ug/L	98
69) Naphthalene	13.53	128	120556	4.758	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	61947	4.958	ug/L	99

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

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