

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV042519\
 Data File : VV010492.D
 Acq On : 25 Apr 2019 11:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: Apr 26 05:07:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 04:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	248986	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	255200	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	135795	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52939	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.58	69	42204	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.13	63	113256	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.95	46	138458	44.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.98%
24) Chloroform-d	4.40	84	126657	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	64919	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.09	84	253498	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.12	67	75072	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.36	98	253499	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.66	79	28782	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.13	63	115852	43.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57964	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	102561	4.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96761	4.983	ug/L 100
3) Chloromethane	1.25	50	79269	5.054	ug/L 99
5) Vinyl chloride	1.32	62	78242	4.611	ug/L 96
6) Bromomethane	1.53	94	50156	4.495	ug/L 97
8) Chloroethane	1.60	64	45748	4.800	ug/L 99
9) Trichlorofluoromethane	1.77	101	157585	5.010	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	79873	4.827	ug/L 98
12) 1,1-Dichloroethene	2.14	96	68815	4.586	ug/L 96
13) Acetone	2.19	43	81859	44.209	ug/L 98
14) Carbon disulfide	2.32	76	180272	4.445	ug/L 99
15) Methyl Acetate	2.46	43	19739	4.115	ug/L 95
16) Methylene chloride	2.53	84	71505	4.363	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	157240	4.462	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	71677	4.380	ug/L 99
19) 1,1-Dichloroethane	3.22	63	117422	4.502	ug/L 99
21) 2-Butanone	4.03	43	165842	51.097	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	88790	5.208	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	38626	5.196	ug/L	92
25) Chloroform	4.42	83	168055	5.466	ug/L	99
27) 1,2-Dichloroethane	5.18	62	90377	5.010	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	146246	4.921	ug/L	98
30) Cyclohexane	4.71	56	118458	4.725	ug/L	95
31) Carbon tetrachloride	4.87	117	132064	4.888	ug/L	98
33) Benzene	5.14	78	325523	4.989	ug/L	100
34) Trichloroethene	5.95	95	94008	4.994	ug/L	92
35) Methylcyclohexane	6.17	83	135463	4.795	ug/L	99
37) 1,2-Dichloropropane	6.22	63	76243	4.815	ug/L	100
38) Bromodichloromethane	6.55	83	104650	4.910	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	108298	4.612	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	417237	46.604	ug/L	99
42) Toluene	7.43	91	369520	4.977	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	86796	4.786	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	58729	5.064	ug/L	93
47) Tetrachloroethene	8.02	164	86115	5.123	ug/L	96
48) 2-Hexanone	8.19	43	302406	48.560	ug/L	99
49) Dibromochloromethane	8.29	129	75451	5.036	ug/L	100
50) 1,2-Dibromoethane	8.40	107	55108	4.901	ug/L	97
51) Chlorobenzene	8.92	112	255387	5.064	ug/L	96
52) Ethylbenzene	9.05	91	415307	5.034	ug/L	100
53) m,p-xylene	9.18	106	166299	5.127	ug/L	99
54) o-xylene	9.59	106	156444	4.916	ug/L	95
55) Styrene	9.60	104	272020	5.269	ug/L	96
56) Isopropylbenzene	9.97	105	433148	5.110	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	66725	5.002	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	48176	4.919	ug/L	95
61) Bromoform	9.77	173	39571	4.915	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	211358	4.995	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	216796	5.088	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	205247	5.114	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	9930	4.568	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	181169	5.228	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	134005	5.111	ug/L	99
69) Naphthalene	13.55	128	174153	4.477	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	126485	5.089	ug/L	98

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

