

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082019\
 Data File : VV012313.D
 Acq On : 20 Aug 2019 16:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00548

Quant Time: Aug 21 01:18:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 21 01:13:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138497	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126573	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	69860	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24006	3.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.80%
7) Chloroethane-d5	1.58	69	19973	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.13	63	60135	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	3.95	46	84994	44.55	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.10%
24) Chloroform-d	4.40	84	88958	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.08	65	44770	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.10	84	165140	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.12	67	45044	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	164133	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
43) trans-1,3-Dichloropropene-	7.66	79	21244	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
46) 2-Hexanone-d5	8.14	63	75427	58.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33248	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	70219	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	78870	4.769 ug/L	97
3) Chloromethane	1.25	50	34031	3.934 ug/L	98
5) Vinyl chloride	1.32	62	39088	4.293 ug/L	99
6) Bromomethane	1.54	94	20599	4.388 ug/L	95
8) Chloroethane	1.60	64	21399	4.716 ug/L	99
9) Trichlorofluoromethane	1.77	101	80189	4.894 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	37520	5.304 ug/L	99
12) 1,1-Dichloroethene	2.14	96	34031	5.354 ug/L	93
13) Acetone	2.21	43	49008	49.104 ug/L #	63
14) Carbon disulfide	2.32	76	90408	5.124 ug/L	98
15) Methyl Acetate	2.47	43	10434	5.272 ug/L	91
16) Methylene chloride	2.53	84	32358	4.890 ug/L	94
17) Methyl tert-butyl Ether	2.80	73	114553	5.650 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	48453	5.208 ug/L	95
19) 1,1-Dichloroethane	3.23	63	83348	5.223 ug/L	99
21) 2-Butanone	4.04	43	96783	51.108 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	54133	5.406 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	24029	5.255	ug/L	90
25) Chloroform	4.42	83	99026	4.960	ug/L	100
27) 1,2-Dichloroethane	5.18	62	61712	5.422	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	96095	5.675	ug/L	99
30) Cyclohexane	4.72	56	71765	5.661	ug/L	97
31) Carbon tetrachloride	4.87	117	89306	5.652	ug/L	99
33) Benzene	5.14	78	193936	5.539	ug/L	100
34) Trichloroethene	5.96	95	56073	5.461	ug/L	97
35) Methylcyclohexane	6.17	83	86237	5.610	ug/L	97
37) 1,2-Dichloropropane	6.22	63	42397	5.175	ug/L	99
38) Bromodichloromethane	6.55	83	69233	5.594	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	75029	5.770	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	239392	55.655	ug/L	97
42) Toluene	7.43	91	220503	5.690	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	59510	5.730	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	33079	5.263	ug/L	97
47) Tetrachloroethene	8.02	164	53748	5.673	ug/L	98
48) 2-Hexanone	8.19	43	167165	53.993	ug/L	97
49) Dibromochloromethane	8.29	129	49071	5.747	ug/L	99
50) 1,2-Dibromoethane	8.40	107	32666	5.502	ug/L	95
51) Chlorobenzene	8.92	112	148588	5.620	ug/L	99
52) Ethylbenzene	9.05	91	256723	5.921	ug/L	98
53) m,p-xylene	9.18	106	99751	5.893	ug/L	93
54) o-xylene	9.59	106	96225	5.911	ug/L	99
55) Styrene	9.60	104	159053	5.784	ug/L	97
56) Isopropylbenzene	9.97	105	268774	5.981	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	36514	5.687	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	26363	5.192	ug/L	95
61) Bromoform	9.77	173	28528	5.911	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	131795	5.573	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	127562	5.424	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	119970	5.530	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	6593	5.816	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.69	180	113159	5.834	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	93518	6.521	ug/L	100
69) Naphthalene	13.55	128	341350	17.499	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	85339	6.432	ug/L	100

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

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