

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011620\
 Data File : VV014314.D
 Acq On : 16 Jan 2020 09:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00589

Quant Time: Jan 17 04:41:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 16 00:33:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	890467	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	812641	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	386833	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	227636	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.59	69	189915	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.13	63	394271	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.94	46	531335	35.50	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.00%
24) Chloroform-d	4.40	84	518933	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.08	65	238930	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
32) Benzene-d6	5.09	84	1045971	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.11	67	320600	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.35	98	945792	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.66	79	132098	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.13	63	548332	38.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.88%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	226116	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	305005	4.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	303512	4.521	ug/L	98
3) Chloromethane	1.25	50	333678	5.000	ug/L	100
5) Vinyl chloride	1.32	62	310148	4.977	ug/L	100
6) Bromomethane	1.54	94	167042	4.724	ug/L	98
8) Chloroethane	1.60	64	170785	4.877	ug/L	99
9) Trichlorofluoromethane	1.77	101	395387	5.374	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	216269	5.427	ug/L	96
12) 1,1-Dichloroethene	2.14	96	204371	5.137	ug/L	95
13) Acetone	2.21	43	348984	33.859	ug/L	97
14) Carbon disulfide	2.32	76	856439	4.851	ug/L	99
15) Methyl Acetate	2.47	43	104934	4.373	ug/L	100
16) Methylene chloride	2.54	84	316677	4.890	ug/L	94
17) Methyl tert-butyl Ether	2.80	73	697420	4.737	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	301558	5.043	ug/L	95
19) 1,1-Dichloroethane	3.23	63	584797	4.989	ug/L	96
21) 2-Butanone	4.03	43	648841	41.967	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	330620	5.043	ug/L #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	123411	4.952	ug/L	90
25) Chloroform	4.42	83	566339	5.047	ug/L	97
27) 1,2-Dichloroethane	5.17	62	317511	4.730	ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	491880	5.085	ug/L	100
30) Cyclohexane	4.72	56	576575	5.398	ug/L	97
31) Carbon tetrachloride	4.87	117	419079	5.059	ug/L	100
33) Benzene	5.14	78	1268334	5.068	ug/L	100
34) Trichloroethene	5.95	95	328073	5.101	ug/L	98
35) Methylcyclohexane	6.17	83	580689	5.522	ug/L	97
37) 1,2-Dichloropropane	6.22	63	319109	5.051	ug/L	99
38) Bromodichloromethane	6.55	83	398898	4.897	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	496753	4.857	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1789802	44.947	ug/L	99
42) Toluene	7.43	91	1348642	5.105	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	386775	4.925	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	199219	4.937	ug/L	98
47) Tetrachloroethene	8.01	164	229778	5.230	ug/L	98
48) 2-Hexanone	8.18	43	1357196	49.276	ug/L	97
49) Dibromochloromethane	8.29	129	247876	4.859	ug/L	99
50) 1,2-Dibromoethane	8.39	107	188057	4.812	ug/L	93
51) Chlorobenzene	8.92	112	832581	5.125	ug/L	99
52) Ethylbenzene	9.05	91	1559138	5.275	ug/L	100
53) m,p-xylene	9.18	106	575213	5.276	ug/L	99
54) o-xylene	9.58	106	558687	5.211	ug/L	98
55) Styrene	9.60	104	939079	5.171	ug/L	98
56) Isopropylbenzene	9.97	105	1505315	5.383	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	248813	5.000	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	179892	4.779	ug/L	99
61) Bromoform	9.77	173	123192	4.698	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	629722	5.207	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	624715	5.195	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	553885	5.071	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	45803	4.563	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	457887	5.207	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	393560	5.102	ug/L	99
69) Naphthalene	13.55	128	724884	4.625	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	339210	4.998	ug/L	98

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

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