

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017067.D
 Acq On : 23 Jun 2020 20:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Quant Time: Jun 24 05:08:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	178977	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	172648	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	94200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43071	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.58	69	33898	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.13	63	91320	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	3.93	46	128996	47.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.24%
24) Chloroform-d	4.38	84	101913	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	58676	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.07	84	205350	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	60400	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.34	98	200462	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
45) trans-1,3-Dichloropropene-	7.64	79	24787	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
48) 2-Hexanone-d5	8.11	63	90849	42.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43213	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	76462	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	73204	5.124	ug/L 99
3) Chloromethane	1.25	50	60021	4.957	ug/L 98
5) Vinyl chloride	1.32	62	60798	5.177	ug/L 99
6) Bromomethane	1.53	94	28197	4.119	ug/L 93
8) Chloroethane	1.60	64	35429	5.459	ug/L 99
9) Trichlorofluoromethane	1.77	101	100185	5.268	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	49876	5.262	ug/L 99
12) 1,1-Dichloroethene	2.14	96	46647	5.431	ug/L 85
13) Acetone	2.20	43	72710	52.539	ug/L 96
14) Carbon disulfide	2.31	76	131595	5.113	ug/L 98
15) Methyl Acetate	2.45	43	17567	5.192	ug/L 98
16) Methylene chloride	2.52	84	46560	5.062	ug/L 98
17) Methyl tert-butyl Ether	2.79	73	115252	5.344	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	48980	5.381	ug/L 96
19) 1,1-Dichloroethane	3.21	63	108285	5.295	ug/L 97
21) 2-Butanone	4.01	43	143223	54.901	ug/L 100
22) cis-1,2-Dichloroethene	3.94	96	63451	5.098	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	28449	5.378	ug/L	97
25) Chloroform	4.40	83	127230	5.695	ug/L	97
27) 1,2-Dichloroethane	5.16	62	74345	5.357	ug/L	100
29) 1,1,1-Trichloroethane	4.64	97	109046	5.272	ug/L	99
30) Cyclohexane	4.70	56	96296	4.892	ug/L	99
31) Carbon tetrachloride	4.85	117	97782	5.239	ug/L	99
33) Benzene	5.13	78	239780	5.303	ug/L	100
34) Trichloroethene	5.94	95	66742	5.041	ug/L	97
35) Methylcyclohexane	6.15	83	97885	4.756	ug/L	97
37) 1,2-Dichloropropane	6.20	63	57840	5.168	ug/L #	91
38) Bromodichloromethane	6.53	83	77627	5.106	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	82530	4.963	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	342976	53.074	ug/L	100
42) Toluene	7.41	91	263616	5.015	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	239883	5.103	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	249033	5.203	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	70199	4.880	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	41412	5.217	ug/L	97
49) Tetrachloroethene	8.00	164	54693	5.132	ug/L	98
50) 2-Hexanone	8.16	43	247230	53.759	ug/L	99
51) Dibromochloromethane	8.27	129	51390	5.341	ug/L	97
52) 1,2-Dibromoethane	8.38	107	38734	5.145	ug/L	99
53) Chlorobenzene	8.90	112	171214	5.225	ug/L	99
54) Ethylbenzene	9.03	91	288115	5.135	ug/L	99
55) m,p-xylene	9.16	106	111485	5.066	ug/L	100
56) o-xylene	9.56	106	104295	5.079	ug/L	96
57) Styrene	9.58	104	180224	5.296	ug/L	96
58) Isopropylbenzene	9.95	105	292699	5.179	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	46404	5.651	ug/L	98
62) Bromoform	9.76	173	25631	5.086	ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	142689	5.032	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	144118	5.000	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	130109	5.055	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	7581	5.325	ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	107503	4.718	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	88049	4.694	ug/L	99
70) Naphthalene	13.53	128	120910	4.565	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	74854	4.893	ug/L	99

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

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