

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
 Data File : VV071511.D
 Acq On : 15 Jul 2020 16:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: Jul 16 01:33:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 01:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	136231	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	133104	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74830	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35484	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.58	69	36454	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.60%
11) 1,1-Dichloroethene-d2	2.13	63	95302	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.00%
20) 2-Butanone-d5	3.95	46	76829	47.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.50%
24) Chloroform-d	4.38	84	84174	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	47109	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.07	84	148041	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.10	67	39572	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.34	98	141207	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
45) trans-1,3-Dichloropropene-	7.64	79	19920	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
48) 2-Hexanone-d5	8.11	63	62849	50.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.70%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30373	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	58850	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	80118	4.984	ug/L 96
3) Chloromethane	1.25	50	52776	4.803	ug/L 94
5) Vinyl chloride	1.32	62	54668	4.971	ug/L 99
6) Bromomethane	1.53	94	39562	5.961	ug/L 96
8) Chloroethane	1.60	64	39211	6.168	ug/L 97
9) Trichlorofluoromethane	1.77	101	117512	5.845	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	55509	6.003	ug/L 99
12) 1,1-Dichloroethene	2.13	96	49290	6.014	ug/L 95
13) Acetone	2.23	43	73960	62.652	ug/L 89
14) Carbon disulfide	2.31	76	154567	6.092	ug/L 98
15) Methyl Acetate	2.46	43	15310	6.714	ug/L 97
16) Methylene chloride	2.52	84	83329	8.442	ug/L 99
17) Methyl tert-butyl Ether	2.79	73	117021	5.746	ug/L 97
18) trans-1,2-Dichloroethene	2.78	96	54027	6.147	ug/L 97
19) 1,1-Dichloroethane	3.21	63	121657	7.163	ug/L 96
21) 2-Butanone	4.03	43	85752	46.994	ug/L # 80
22) cis-1,2-Dichloroethene	3.94	96	48998	5.143	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	21784	5.077	ug/L	92
25) Chloroform	4.40	83	96876	5.286	ug/L	100
27) 1,2-Dichloroethane	5.16	62	61027	5.090	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	94945	5.045	ug/L	97
30) Cyclohexane	4.70	56	67349	4.701	ug/L	99
31) Carbon tetrachloride	4.85	117	85918	4.936	ug/L	98
33) Benzene	5.13	78	177115	5.001	ug/L	100
34) Trichloroethene	5.94	95	52924	4.895	ug/L	97
35) Methylcyclohexane	6.15	83	77292	4.857	ug/L	98
37) 1,2-Dichloropropane	6.20	63	38932	4.748	ug/L	98
38) Bromodichloromethane	6.53	83	61834	4.869	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	64275	4.873	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	219771	50.715	ug/L	99
42) Toluene	7.41	91	205122	5.245	ug/L	97
43) 1,3,5-Trimethylbenzene	10.56	105	201291	5.186	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	205456	5.314	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	56761	4.890	ug/L	96
47) 1,1,2-Trichloroethane	7.86	97	29862	4.875	ug/L	95
49) Tetrachloroethene	8.00	164	46800	5.086	ug/L	99
50) 2-Hexanone	8.16	43	157022	49.319	ug/L	99
51) Dibromochloromethane	8.27	129	42865	5.078	ug/L	100
52) 1,2-Dibromoethane	8.38	107	28623	4.770	ug/L #	98
53) Chlorobenzene	8.90	112	131074	5.004	ug/L	100
54) Ethylbenzene	9.03	91	229251	5.122	ug/L	99
55) m,p-xylene	9.16	106	87172	5.150	ug/L	97
56) o-xylene	9.57	106	85262	5.208	ug/L	95
57) Styrene	9.58	104	145422	5.278	ug/L	100
58) Isopropylbenzene	9.95	105	235622	5.084	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	31459	5.085	ug/L	86
62) Bromoform	9.76	173	22826	4.743	ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	119222	5.124	ug/L	97
64) 1,4-Dichlorobenzene	11.29	146	115420	4.998	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	103526	4.910	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	5559	4.280	ug/L	86
68) 1,3,5-Trichlorobenzene	12.67	180	93066	4.919	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	75478	4.858	ug/L	100
70) Naphthalene	13.53	128	100825	4.611	ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	65857	4.914	ug/L	95

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

