

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017666.D
 Acq On : 24 Jul 2020 23:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00559

Quant Time: Jul 25 00:14:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	160983	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	154059	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	85574	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36423	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	30224	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.13	63	86412	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	3.92	46	78354	42.61	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.22%
24) Chloroform-d	4.38	84	94932	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.06	65	49216	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.07	84	164413	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.09	67	43274	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.34	98	163439	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
45) trans-1,3-Dichloropropene-	7.64	79	20033	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
48) 2-Hexanone-d5	8.11	63	58606	44.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30725	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	62743	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	82041	4.651	ug/L 99
3) Chloromethane	1.25	50	52910	4.610	ug/L 98
5) Vinyl chloride	1.32	62	54334	4.724	ug/L 98
6) Bromomethane	1.53	94	33773	4.569	ug/L 97
8) Chloroethane	1.60	64	33375	5.027	ug/L 92
9) Trichlorofluoromethane	1.77	101	107900	5.245	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	48549	5.053	ug/L 95
12) 1,1-Dichloroethene	2.14	96	43890	5.063	ug/L 92
13) Acetone	2.20	43	61835	42.954	ug/L # 49
14) Carbon disulfide	2.31	76	129704	4.922	ug/L 98
15) Methyl Acetate	2.45	43	14870	5.308	ug/L 89
16) Methylene chloride	2.52	84	46023	4.771	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	106859	4.809	ug/L 95
18) trans-1,2-Dichloroethene	2.78	96	47539	5.033	ug/L 98
19) 1,1-Dichloroethane	3.21	63	97976	4.933	ug/L 97
21) 2-Butanone	4.01	43	101391	41.711	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	56471	4.747	ug/L # 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.28	128	26391	4.815	ug/L	95
25) Chloroform	4.40	83	109983	4.933	ug/L	95
27) 1,2-Dichloroethane	5.16	62	69263	4.791	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	107533	4.989	ug/L	97
30) Cyclohexane	4.70	56	74996	4.391	ug/L	95
31) Carbon tetrachloride	4.85	117	96171	5.016	ug/L	99
33) Benzene	5.13	78	207605	4.761	ug/L	100
34) Trichloroethene	5.94	95	56845	4.667	ug/L	96
35) Methylcyclohexane	6.15	83	82129	4.457	ug/L	98
37) 1,2-Dichloropropane	6.20	63	47816	4.666	ug/L	99
38) Bromodichloromethane	6.53	83	73417	4.870	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	70687	4.573	ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	243956	43.415	ug/L	98
42) Toluene	7.41	91	233761	4.914	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	225739	5.082	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	232136	5.115	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	61757	4.450	ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	34190	4.399	ug/L	94
49) Tetrachloroethene	8.00	164	50603	4.712	ug/L	98
50) 2-Hexanone	8.16	43	177743	44.705	ug/L	98
51) Dibromochloromethane	8.27	129	47507	4.802	ug/L	97
52) 1,2-Dibromoethane	8.38	107	33997	4.635	ug/L	95
53) Chlorobenzene	8.90	112	151906	4.790	ug/L	99
54) Ethylbenzene	9.03	91	259630	4.875	ug/L	99
55) m,p-xylene	9.16	106	102256	5.098	ug/L	98
56) o-xylene	9.57	106	93729	4.815	ug/L	96
57) Styrene	9.58	104	165866	5.106	ug/L	100
58) Isopropylbenzene	9.95	105	264125	4.919	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	37153	4.387	ug/L	99
62) Bromoform	9.75	173	25544	4.664	ug/L #	97
63) 1,3-Dichlorobenzene	11.20	146	133610	4.849	ug/L	100
64) 1,4-Dichlorobenzene	11.30	146	130525	4.721	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	120934	4.819	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	7041	4.486	ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	105861	4.730	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	86792	4.636	ug/L	99
70) Naphthalene	13.53	128	115655	4.431	ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	74754	4.506	ug/L	98

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

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