

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017497.D
 Acq On : 14 Jul 2020 20:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 1:02:03 PM

Quant Time: Jul 15 05:40:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134731	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130768	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72103	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37027	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	30395	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	81855	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	3.96	46	87335	54.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.62%
24) Chloroform-d	4.38	84	87017	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.06	65	48439	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.07	84	148425	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.10	67	41420	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.34	98	145021	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
45) trans-1,3-Dichloropropene-	7.64	79	19917	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
48) 2-Hexanone-d5	8.11	63	65426	53.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30564	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	62158	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	78162	4.916	ug/L 99
3) Chloromethane	1.25	50	51159	4.707	ug/L 93
5) Vinyl chloride	1.32	62	53394	4.910	ug/L 97
6) Bromomethane	1.53	94	30812	4.694	ug/L 99
8) Chloroethane	1.60	64	29828	4.744	ug/L 97
9) Trichlorofluoromethane	1.77	101	97332	4.895	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44099	4.822	ug/L 99
12) 1,1-Dichloroethene	2.14	96	41052	5.064	ug/L 86
13) Acetone	2.23	43	57522m	49.270	ug/L
14) Carbon disulfide	2.31	76	119825	4.775	ug/L 99
15) Methyl Acetate	2.46	43	13099	5.808	ug/L 94
16) Methylene chloride	2.52	84	39990	4.096	ug/L 98
17) Methyl tert-butyl Ether	2.79	73	102642	5.096	ug/L 97
18) trans-1,2-Dichloroethene	2.78	96	42617	4.903	ug/L 94
19) 1,1-Dichloroethane	3.21	63	83508	4.971	ug/L 98
21) 2-Butanone	4.04	43	87600m	48.541	ug/L
22) cis-1,2-Dichloroethene	3.94	96	45044	4.780	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	21542	5.077	ug/L	95
25) Chloroform	4.41	83	91800	5.065	ug/L	97
27) 1,2-Dichloroethane	5.16	62	58893	4.967	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	89591	4.845	ug/L	96
30) Cyclohexane	4.70	56	66324	4.712	ug/L	98
31) Carbon tetrachloride	4.85	117	81859	4.786	ug/L	98
33) Benzene	5.13	78	169797	4.880	ug/L	100
34) Trichloroethene	5.94	95	50395	4.744	ug/L	97
35) Methylcyclohexane	6.15	83	73246	4.685	ug/L	98
37) 1,2-Dichloropropane	6.20	63	37376	4.640	ug/L	98
38) Bromodichloromethane	6.53	83	61117	4.898	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	60355	4.658	ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	220026	51.681	ug/L	100
42) Toluene	7.41	91	191751	4.991	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	189559	4.971	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	193788	5.102	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	55203	4.841	ug/L	96
47) 1,1,2-Trichloroethane	7.86	97	29917	4.971	ug/L	94
49) Tetrachloroethene	8.00	164	44157	4.884	ug/L	97
50) 2-Hexanone	8.16	43	156298	49.969	ug/L	99
51) Dibromochloromethane	8.27	129	41434	4.996	ug/L	99
52) 1,2-Dibromoethane	8.38	107	28835	4.891	ug/L	99
53) Chlorobenzene	8.90	112	125728	4.885	ug/L	99
54) Ethylbenzene	9.03	91	218910	4.978	ug/L	99
55) m,p-xylene	9.16	106	83029	4.993	ug/L	95
56) o-xylene	9.57	106	80616	5.012	ug/L	91
57) Styrene	9.58	104	136108	5.028	ug/L	98
58) Isopropylbenzene	9.95	105	223957	4.918	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	31294	5.148	ug/L	97
62) Bromoform	9.75	173	22451	4.841	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	111383	4.969	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	110422	4.963	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	100177	4.931	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	5906	4.719	ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	87094	4.777	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	69996	4.676	ug/L	98
70) Naphthalene	13.53	128	102042	4.843	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	64562	5.000	ug/L	97

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

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