

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017363.D
 Acq On : 06 Jul 2020 20:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00548

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:26:07 PM

Quant Time: Jul 07 04:17:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	163479	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160142	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	86403	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40226	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.58	69	33024	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.12	63	85688	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.80%
20) 2-Butanone-d5	3.96	46	97473	38.98	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.96%
24) Chloroform-d	4.38	84	98599	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	54963	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.07	84	174970	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.09	67	50010	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	7.34	98	169004	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
45) trans-1,3-Dichloropropene-	7.64	79	22410	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
48) 2-Hexanone-d5	8.12	63	75122	38.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.12%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37222	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	67368	4.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	57634	4.416	ug/L	97
3) Chloromethane	1.25	50	41909	3.790	ug/L	99
5) Vinyl chloride	1.32	62	47171	4.397	ug/L	100
6) Bromomethane	1.53	94	23220	3.714	ug/L	96
8) Chloroethane	1.60	64	30045	5.068	ug/L	99
9) Trichlorofluoromethane	1.77	101	95347	5.489	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	45241	5.225	ug/L	98
12) 1,1-Dichloroethene	2.13	96	40038	5.103	ug/L	93
13) Acetone	2.25	43	58897m	46.593	ug/L	
14) Carbon disulfide	2.31	76	102268	4.350	ug/L	99
15) Methyl Acetate	2.47	43	14209	4.598	ug/L	93
16) Methylene chloride	2.52	84	42241	5.027	ug/L	92
17) Methyl tert-butyl Ether	2.79	73	104723	5.316	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	42289	5.086	ug/L	99
19) 1,1-Dichloroethane	3.21	63	91935	4.921	ug/L	97
21) 2-Butanone	4.04	43	102344	42.950	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	51624	4.541	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	23617	4.888	ug/L	91
25) Chloroform	4.41	83	103248	5.060	ug/L	96
27) 1,2-Dichloroethane	5.16	62	65125	5.137	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	98370	5.127	ug/L	98
30) Cyclohexane	4.70	56	70928	3.885	ug/L	96
31) Carbon tetrachloride	4.85	117	88496	5.112	ug/L	98
33) Benzene	5.12	78	194438	4.636	ug/L	100
34) Trichloroethene	5.94	95	55472	4.517	ug/L	95
35) Methylcyclohexane	6.15	83	78385	4.106	ug/L	96
37) 1,2-Dichloropropane	6.20	63	44129	4.251	ug/L	99
38) Bromodichloromethane	6.53	83	68709	4.872	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	70137	4.547	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	264844	44.184	ug/L	99
42) Toluene	7.41	91	218700	4.485	ug/L	97
43) 1,3,5-Trimethylbenzene	10.56	105	212066	4.864	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	220578	4.968	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	62222	4.664	ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	35404	4.808	ug/L	96
49) Tetrachloroethene	8.00	164	46661	4.721	ug/L	99
50) 2-Hexanone	8.16	43	189289	44.374	ug/L	98
51) Dibromochloromethane	8.27	129	46141	5.170	ug/L	96
52) 1,2-Dibromoethane	8.38	107	32201	4.611	ug/L	96
53) Chlorobenzene	8.90	112	144033	4.739	ug/L	97
54) Ethylbenzene	9.03	91	244718	4.702	ug/L	98
55) m,p-xylene	9.16	106	95909	4.698	ug/L	95
56) o-xylene	9.57	106	91554	4.806	ug/L	100
57) Styrene	9.58	104	161302	5.110	ug/L	100
58) Isopropylbenzene	9.95	105	253284	4.832	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	37797	4.963	ug/L	100
62) Bromoform	9.75	173	26002	5.625	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	126005	4.844	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	126350	4.779	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	113760	4.819	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	6983	5.348	ug/L	84
68) 1,3,5-Trichlorobenzene	12.67	180	99064	4.740	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	81240	4.722	ug/L	98
70) Naphthalene	13.53	128	110938	4.566	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	70031	4.991	ug/L	99

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

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