

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016375.D
 Acq On : 31 May 2020 09:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:44:55 PM

Quant Time: Jun 01 07:13:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 05:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	79690	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	77811	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38326	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32435	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	24044	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.12	63	57169	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	3.96	46	73321	48.71	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.42%
24) Chloroform-d	4.38	84	58331	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.06	65	31149	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.07	84	109629	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.10	67	33586	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.33	98	102438	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
45) trans-1,3-Dichloropropene-	7.65	79	11688	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
48) 2-Hexanone-d5	8.12	63	58358	50.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24454	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	33924	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	32547	5.010	ug/L 97
3) Chloromethane	1.25	50	36005	4.526	ug/L 97
5) Vinyl chloride	1.32	62	33922	4.772	ug/L 99
6) Bromomethane	1.53	94	15919	3.986	ug/L 94
8) Chloroethane	1.60	64	19941	4.656	ug/L 99
9) Trichlorofluoromethane	1.77	101	47682	4.953	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	25020	4.636	ug/L 99
12) 1,1-Dichloroethene	2.13	96	24588	4.794	ug/L 92
13) Acetone	2.26	43	37713m	37.246	ug/L
14) Carbon disulfide	2.31	76	73020	4.682	ug/L 98
15) Methyl Acetate	2.47	43	10945	4.308	ug/L 93
16) Methylene chloride	2.52	84	26020	4.743	ug/L 99
17) Methyl tert-butyl Ether	2.79	73	61951	5.157	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	26266	4.825	ug/L 96
19) 1,1-Dichloroethane	3.21	63	48876	4.551	ug/L 99
21) 2-Butanone	4.04	43	74902	50.166	ug/L 99
22) cis-1,2-Dichloroethene	3.93	96	31274	5.205	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	12986	5.538	ug/L	96
25) Chloroform	4.40	83	55487	5.156	ug/L	96
27) 1,2-Dichloroethane	5.16	62	37719	5.314	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	48137	5.248	ug/L	98
30) Cyclohexane	4.69	56	49537	5.016	ug/L	99
31) Carbon tetrachloride	4.85	117	40885	5.177	ug/L	100
33) Benzene	5.12	78	118483	5.142	ug/L	100
34) Trichloroethene	5.94	95	30863	5.109	ug/L	96
35) Methylcyclohexane	6.15	83	47916	4.925	ug/L	98
37) 1,2-Dichloropropane	6.20	63	29400	5.047	ug/L	100
38) Bromodichloromethane	6.53	83	35698	5.096	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	38308	4.978	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	189690	53.920	ug/L	100
42) Toluene	7.41	91	127198	5.194	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	111167	5.118	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	116317	5.256	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	31599	4.971	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	19268	5.171	ug/L	98
49) Tetrachloroethene	7.99	164	22195	5.010	ug/L	97
50) 2-Hexanone	8.17	43	135299	55.139	ug/L	100
51) Dibromochloromethane	8.27	129	19850	5.096	ug/L	99
52) 1,2-Dibromoethane	8.38	107	18604	5.283	ug/L #	100
53) Chlorobenzene	8.90	112	78213	5.088	ug/L	98
54) Ethylbenzene	9.03	91	141452	5.237	ug/L	100
55) m,p-xylene	9.16	106	52421	5.185	ug/L	100
56) o-xylene	9.56	106	49940	5.245	ug/L	98
57) Styrene	9.58	104	86539	5.323	ug/L	99
58) Isopropylbenzene	9.95	105	136347	5.255	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	23787	5.061	ug/L	98
62) Bromoform	9.75	173	8327	5.144	ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	60600	5.133	ug/L	100
64) 1,4-Dichlorobenzene	11.29	146	60787	4.980	ug/L	100
66) 1,2-Dichlorobenzene	11.67	146	54586	4.967	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.45	75	3531	4.930	ug/L	89
68) 1,3,5-Trichlorobenzene	12.67	180	41388	4.869	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	35089	4.808	ug/L	100
70) Naphthalene	13.53	128	73675	4.216	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	31949	4.907	ug/L	99

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

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