

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041720\
 Data File : VV015545.D
 Acq On : 17 Apr 2020 10:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

Manual Integrations
 APPROVED

apatel
 4/20/2020 11:41:06 AM

Quant Time: Apr 18 00:36:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 15:05:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	104985	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	99476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50560	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26514	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.57	69	24410	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.12	63	57866	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	3.94	46	76002	49.69	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.38%
24) Chloroform-d	4.37	84	58914	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	31062	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.07	84	107361	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.09	67	34075	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.34	98	101103	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.64	79	14037	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.11	63	62456	43.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	23220	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	36351	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	50025	4.814 ug/L	99
3) Chloromethane	1.24	50	47917	4.842 ug/L	99
5) Vinyl chloride	1.32	62	45918	4.819 ug/L	98
6) Bromomethane	1.53	94	25337	4.812 ug/L	99
8) Chloroethane	1.59	64	28638	5.182 ug/L	97
9) Trichlorofluoromethane	1.76	101	62359	5.115 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	35438	5.146 ug/L	99
12) 1,1-Dichloroethene	2.13	96	33227	5.042 ug/L	96
13) Acetone	2.22	43	62802m	58.117 ug/L	
14) Carbon disulfide	2.30	76	100607	4.379 ug/L	100
15) Methyl Acetate	2.46	43	13685	4.280 ug/L #	90
16) Methylene chloride	2.52	84	37166	4.814 ug/L	96
17) Methyl tert-butyl Ether	2.79	73	90068	5.114 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	36430	4.905 ug/L	97
19) 1,1-Dichloroethane	3.21	63	73369	5.241 ug/L	98
21) 2-Butanone	4.02	43	98132	56.196 ug/L #	72
22) cis-1,2-Dichloroethene	3.94	96	39368	5.106 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	16551	5.159	ug/L	97
25) Chloroform	4.40	83	75193	5.248	ug/L	97
27) 1,2-Dichloroethane	5.15	62	47510	5.129	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	68505	5.308	ug/L	98
30) Cyclohexane	4.70	56	65824	4.804	ug/L	99
31) Carbon tetrachloride	4.85	117	58535	5.211	ug/L	99
33) Benzene	5.12	78	152384	5.118	ug/L	100
34) Trichloroethene	5.94	95	43591	5.440	ug/L	99
35) Methylcyclohexane	6.15	83	66396	4.918	ug/L	100
37) 1,2-Dichloropropane	6.20	63	39685	5.374	ug/L	99
38) Bromodichloromethane	6.53	83	50625	5.141	ug/L	94
39) cis-1,3-Dichloropropene	7.05	75	58078	5.125	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	236324	48.738	ug/L	99
42) Toluene	7.41	91	163214	5.049	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	48827	5.095	ug/L	94
45) 1,1,2-Trichloroethane	7.86	97	25607	5.159	ug/L	96
47) Tetrachloroethene	8.00	164	30685	5.168	ug/L	98
48) 2-Hexanone	8.16	43	170200	50.237	ug/L	99
49) Dibromochloromethane	8.27	129	30026	5.050	ug/L	99
50) 1,2-Dibromoethane	8.37	107	24267	5.101	ug/L	95
51) Chlorobenzene	8.90	112	103895	5.042	ug/L	99
52) Ethylbenzene	9.03	91	188346	5.062	ug/L	100
53) m,p-xylene	9.16	106	69987	4.980	ug/L	98
54) o-xylene	9.56	106	68348	5.025	ug/L	97
55) Styrene	9.58	104	115951	5.072	ug/L	98
56) Isopropylbenzene	9.95	105	188126	5.045	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	27395	4.534	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	23044	5.047	ug/L	98
61) Bromoform	9.75	173	13808	4.656	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	82787	5.078	ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	84273	5.080	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	74847	5.036	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	5538	4.870	ug/L	87
67) 1,3,5-Trichlorobenzene	12.67	180	63685	5.407	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	55405	5.222	ug/L	99
69) Naphthalene	13.53	128	93643	4.684	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	48526	5.177	ug/L	99

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

