

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041720\
 Data File : VV015569.D
 Acq On : 17 Apr 2020 20:44
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00552

Quant Time: Apr 18 00:42:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 00:37:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	93420	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	89972	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	45890	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	23359	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	22997	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.12	63	54028	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.80%
20) 2-Butanone-d5	3.92	46	86349	63.44	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.88%
24) Chloroform-d	4.38	84	56557	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.06	65	31705	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.07	84	101764	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.10	67	32770	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.34	98	95123	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.64	79	11033	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.11	63	73335	56.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25385	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	35205	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	46934	5.076	ug/L 100
3) Chloromethane	1.25	50	39583	4.495	ug/L 98
5) Vinyl chloride	1.32	62	42465	5.008	ug/L 98
6) Bromomethane	1.53	94	12546	2.678	ug/L 99
8) Chloroethane	1.59	64	27571	5.607	ug/L 100
9) Trichlorofluoromethane	1.76	101	60317	5.560	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	33203	5.418	ug/L 97
12) 1,1-Dichloroethene	2.13	96	31516	5.374	ug/L 96
13) Acetone	2.20	43	63914	66.468	ug/L # 51
14) Carbon disulfide	2.31	76	80641	3.945	ug/L 100
15) Methyl Acetate	2.46	43	15428	5.423	ug/L 95
16) Methylene chloride	2.52	84	41317	6.014	ug/L 100
17) Methyl tert-butyl Ether	2.79	73	91904	5.864	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	34732	5.256	ug/L 95
19) 1,1-Dichloroethane	3.21	63	69202	5.555	ug/L 98
21) 2-Butanone	4.01	43	108482	69.813	ug/L # 69
22) cis-1,2-Dichloroethene	3.94	96	37483	5.463	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	16026	5.614	ug/L	96
25) Chloroform	4.40	83	70868	5.559	ug/L	99
27) 1,2-Dichloroethane	5.16	62	49143	5.962	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	63916	5.475	ug/L	99
30) Cyclohexane	4.70	56	61430	4.957	ug/L	99
31) Carbon tetrachloride	4.85	117	50478	4.968	ug/L	98
33) Benzene	5.13	78	146330	5.434	ug/L	100
34) Trichloroethene	5.94	95	40120	5.535	ug/L	99
35) Methylcyclohexane	6.15	83	60963	4.992	ug/L	100
37) 1,2-Dichloropropane	6.20	63	36793	5.509	ug/L	100
38) Bromodichloromethane	6.53	83	45078	5.061	ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	45437	4.433	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	262971	59.962	ug/L	99
42) Toluene	7.41	91	155955	5.334	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	37435	4.319	ug/L	96
45) 1,1,2-Trichloroethane	7.86	97	26577	5.920	ug/L	97
47) Tetrachloroethene	8.00	164	28024	5.219	ug/L	96
48) 2-Hexanone	8.16	43	188270	61.441	ug/L	99
49) Dibromochloromethane	8.27	129	23483	4.367	ug/L	97
50) 1,2-Dibromoethane	8.38	107	24174	5.618	ug/L	99
51) Chlorobenzene	8.90	112	99715	5.351	ug/L	98
52) Ethylbenzene	9.03	91	179002	5.319	ug/L	100
53) m,p-xylene	9.16	106	66820	5.257	ug/L	100
54) o-xylene	9.57	106	63834	5.189	ug/L	97
55) Styrene	9.58	104	110106	5.325	ug/L	99
56) Isopropylbenzene	9.95	105	178081	5.280	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	30036	5.497	ug/L	94
59) 1,2,3-Trichloropropane	10.30	75	24371	5.902	ug/L	98
61) Bromoform	9.75	173	8793	3.267	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	79685	5.386	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	81097	5.386	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	72663	5.387	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	4894	4.741	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	58389	5.461	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	54194	5.627	ug/L	98
69) Naphthalene	13.53	128	100413	5.534	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	48722	5.727	ug/L	100

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

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