

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015782.D
 Acq On : 29 Apr 2020 10:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: Apr 30 01:30:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	131219	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128067	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	64859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41199	6.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.20%
7) Chloroethane-d5	1.57	69	36432	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.12	63	84547	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.60%
20) 2-Butanone-d5	3.95	46	102050	46.35	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.70%
24) Chloroform-d	4.37	84	76599	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	43775	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.07	84	149748	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.09	67	44168	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.33	98	140874	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.64	79	17577	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.11	63	79803	43.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32364	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	49520	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	62954	5.601	ug/L 99
3) Chloromethane	1.24	50	56945	5.857	ug/L 100
5) Vinyl chloride	1.32	62	57796	5.565	ug/L 99
6) Bromomethane	1.53	94	28393	6.368	ug/L 99
8) Chloroethane	1.59	64	37369	5.479	ug/L 100
9) Trichlorofluoromethane	1.76	101	85147	5.842	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	48269	5.854	ug/L 97
12) 1,1-Dichloroethene	2.13	96	43592	5.708	ug/L 98
13) Acetone	2.22	43	94655	61.909	ug/L 99
14) Carbon disulfide	2.30	76	121325	5.620	ug/L 99
15) Methyl Acetate	2.46	43	21482	5.908	ug/L 95
16) Methylene chloride	2.52	84	51106	5.420	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	122041	5.693	ug/L 98
18) trans-1,2-Dichloroethene	2.77	96	49126	5.745	ug/L 97
19) 1,1-Dichloroethane	3.21	63	98092	5.842	ug/L 98
21) 2-Butanone	4.02	43	138985	58.933	ug/L 98
22) cis-1,2-Dichloroethene	3.94	96	52855	5.590	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	22628	5.859	ug/L	96
25) Chloroform	4.40	83	105504	5.919	ug/L	98
27) 1,2-Dichloroethane	5.15	62	68291	5.831	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	91331	5.623	ug/L	99
30) Cyclohexane	4.70	56	84111	5.421	ug/L	100
31) Carbon tetrachloride	4.85	117	77859	5.789	ug/L	99
33) Benzene	5.12	78	206788	5.652	ug/L	100
34) Trichloroethene	5.94	95	54826	5.426	ug/L	97
35) Methylcyclohexane	6.15	83	83575	5.389	ug/L	99
37) 1,2-Dichloropropane	6.20	63	53495	5.752	ug/L	100
38) Bromodichloromethane	6.53	83	67732	5.735	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	72958	5.628	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	341413	56.562	ug/L	99
42) Toluene	7.41	91	221517	5.666	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	61123	5.611	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	35777	5.644	ug/L	97
47) Tetrachloroethene	8.00	164	42231	5.804	ug/L	98
48) 2-Hexanone	8.16	43	248830	57.808	ug/L	99
49) Dibromochloromethane	8.27	129	39055	5.953	ug/L	99
50) 1,2-Dibromoethane	8.37	107	32595	5.560	ug/L	98
51) Chlorobenzene	8.90	112	142228	5.553	ug/L	99
52) Ethylbenzene	9.03	91	251845	5.566	ug/L	100
53) m,p-xylene	9.16	106	93447	5.639	ug/L	99
54) o-xylene	9.56	106	89228	5.564	ug/L	100
55) Styrene	9.58	104	154679	5.685	ug/L	99
56) Isopropylbenzene	9.95	105	250047	5.558	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	41453	5.600	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	33418	5.628	ug/L	99
61) Bromoform	9.75	173	16753	6.257	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	115137	5.609	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	114106	5.512	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	105436	5.679	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	6789	5.613	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	81744	5.389	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	70179	5.027	ug/L	97
69) Naphthalene	13.53	128	121638	4.868	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	63703	5.170	ug/L	98

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

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