

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051520\
 Data File : VV016082.D
 Acq On : 15 May 2020 10:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: May 16 01:36:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 11:09:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161132	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155962	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79204	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	43487	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	41825	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.12	63	89586	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	3.95	46	136111	54.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.18%
24) Chloroform-d	4.38	84	90217	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.06	65	55194	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.07	84	186871	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.09	67	58384	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.34	98	175691	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
45) trans-1,3-Dichloropropene-	7.64	79	21895	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
48) 2-Hexanone-d5	8.12	63	111370	57.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.04%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44746	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	62693	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	56534	4.579	ug/L	99
3) Chloromethane	1.25	50	58249	4.660	ug/L	99
5) Vinyl chloride	1.32	62	55502	4.643	ug/L	99
6) Bromomethane	1.53	94	31543	4.650	ug/L	100
8) Chloroethane	1.60	64	35136	4.126	ug/L	97
9) Trichlorofluoromethane	1.76	101	77790	4.745	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44729	4.830	ug/L	98
12) 1,1-Dichloroethene	2.13	96	41378	4.666	ug/L	86
13) Acetone	2.25	43	75949	46.173	ug/L	69
14) Carbon disulfide	2.31	76	130912	4.472	ug/L	99
15) Methyl Acetate	2.47	43	22575	5.939	ug/L #	86
16) Methylene chloride	2.52	84	51369	4.841	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	107702	4.674	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	47172	4.814	ug/L	98
19) 1,1-Dichloroethane	3.21	63	92786	4.916	ug/L	99
21) 2-Butanone	4.04	43	123265	49.207	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	49455	4.821	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	21130	4.826	ug/L	96
25) Chloroform	4.40	83	104769	5.040	ug/L	100
27) 1,2-Dichloroethane	5.16	62	60825	4.762	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	83686	4.866	ug/L	100
30) Cyclohexane	4.70	56	81397	4.723	ug/L	98
31) Carbon tetrachloride	4.85	117	71695	4.830	ug/L	98
33) Benzene	5.12	78	196356	5.004	ug/L	100
34) Trichloroethene	5.94	95	49826	4.449	ug/L	94
35) Methylcyclohexane	6.15	83	82597	4.875	ug/L	99
37) 1,2-Dichloropropane	6.20	63	50810	5.097	ug/L	99
38) Bromodichloromethane	6.53	83	61706	4.874	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	68821	4.884	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	311389	50.114	ug/L	100
42) Toluene	7.41	91	212847	5.117	ug/L	97
43) 1,3,5-Trimethylbenzene	10.56	105	191149	5.006	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	193123	5.062	ug/L #	100
46) trans-1,3-Dichloropropene	7.68	75	58057	4.878	ug/L	93
47) 1,1,2-Trichloroethane	7.86	97	31966	4.802	ug/L	97
49) Tetrachloroethene	8.00	164	39476	5.051	ug/L	98
50) 2-Hexanone	8.16	43	228758	52.060	ug/L	99
51) Dibromochloromethane	8.27	129	36890	4.931	ug/L	99
52) 1,2-Dibromoethane	8.38	107	30412	4.926	ug/L	95
53) Chlorobenzene	8.90	112	133291	4.983	ug/L	97
54) Ethylbenzene	9.03	91	235899	4.988	ug/L	99
55) m,p-xylene	9.16	106	89861	5.131	ug/L	97
56) o-xylene	9.57	106	86164	5.146	ug/L	94
57) Styrene	9.58	104	147394	5.263	ug/L	96
58) Isopropylbenzene	9.95	105	230160	5.004	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	38685	5.438	ug/L	98
62) Bromoform	9.75	173	17532	4.818	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	105487	4.943	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	107506	5.015	ug/L	100
66) 1,2-Dichlorobenzene	11.67	146	97300	5.038	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	6593	5.230	ug/L	94
68) 1,3,5-Trichlorobenzene	12.67	180	75579	4.844	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	61944	4.621	ug/L	99
70) Naphthalene	13.53	128	104607	4.906	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	57341	4.849	ug/L	99

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

