

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051520\
 Data File : VV016088.D
 Acq On : 15 May 2020 15:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00548

Quant Time: May 16 01:46:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	153833	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	150872	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41068	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	41035	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.12	63	85197	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	3.95	46	130969	55.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.04%
24) Chloroform-d	4.37	84	84135	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.06	65	53427	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.07	84	181213	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.09	67	56704	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.33	98	168500	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
45) trans-1,3-Dichloropropene-	7.64	79	20049	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
48) 2-Hexanone-d5	8.11	63	105916	56.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.12%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43390	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	60769	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	53193	4.513 ug/L	99
3) Chloromethane	1.25	50	57015	4.778 ug/L	99
5) Vinyl chloride	1.32	62	52535	4.603 ug/L	100
6) Bromomethane	1.53	94	29679	4.582 ug/L	98
8) Chloroethane	1.60	64	34124	4.197 ug/L	97
9) Trichlorofluoromethane	1.76	101	74505	4.760 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	42733	4.833 ug/L	98
12) 1,1-Dichloroethene	2.13	96	39958	4.720 ug/L	93
13) Acetone	2.25	43	72339	46.065 ug/L	68
14) Carbon disulfide	2.31	76	126133	4.513 ug/L	99
15) Methyl Acetate	2.47	43	19483	5.369 ug/L	90
16) Methylene chloride	2.52	84	49639	4.900 ug/L	98
17) Methyl tert-butyl Ether	2.79	73	105838	4.811 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	45922	4.908 ug/L	100
19) 1,1-Dichloroethane	3.21	63	89364	4.959 ug/L	99
21) 2-Butanone	4.03	43	115002	48.087 ug/L	100
22) cis-1,2-Dichloroethene	3.94	96	47014	4.800 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	20215	4.836	ug/L	98
25) Chloroform	4.40	83	105207	5.301	ug/L	97
27) 1,2-Dichloroethane	5.16	62	57151	4.687	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	80128	4.816	ug/L	99
30) Cyclohexane	4.70	56	78512	4.709	ug/L	97
31) Carbon tetrachloride	4.85	117	67395	4.694	ug/L	100
33) Benzene	5.12	78	189165	4.983	ug/L	100
34) Trichloroethene	5.94	95	48348	4.463	ug/L	95
35) Methylcyclohexane	6.15	83	77054	4.702	ug/L	98
37) 1,2-Dichloropropane	6.20	63	45822	4.752	ug/L	98
38) Bromodichloromethane	6.53	83	58982	4.816	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	63470	4.657	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	305780	50.872	ug/L	100
42) Toluene	7.41	91	205749	5.114	ug/L	97
43) 1,3,5-Trimethylbenzene	10.56	105	184637	4.999	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	183934	4.983	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	53788	4.672	ug/L	95
47) 1,1,2-Trichloroethane	7.86	97	31722	4.926	ug/L	99
49) Tetrachloroethene	7.99	164	37665	4.982	ug/L	97
50) 2-Hexanone	8.16	43	221964	52.218	ug/L	99
51) Dibromochloromethane	8.27	129	35784	4.945	ug/L	99
52) 1,2-Dibromoethane	8.37	107	29726	4.977	ug/L	96
53) Chlorobenzene	8.90	112	129769	5.015	ug/L	98
54) Ethylbenzene	9.03	91	227270	4.968	ug/L	100
55) m,p-xylene	9.16	106	85220	5.031	ug/L	97
56) o-xylene	9.56	106	82106	5.070	ug/L	98
57) Styrene	9.58	104	142410	5.257	ug/L	97
58) Isopropylbenzene	9.95	105	222797	5.007	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	38646	5.616	ug/L	99
62) Bromoform	9.75	173	16871	4.769	ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	102165	4.925	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	103971	4.989	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	93440	4.977	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	6478	5.286	ug/L	94
68) 1,3,5-Trichlorobenzene	12.67	180	71921	4.742	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	60591	4.649	ug/L	97
70) Naphthalene	13.53	128	98768	4.765	ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	55318	4.811	ug/L	98

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

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