

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016263.D
 Acq On : 28 May 2020 05:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00560

Quant Time: May 28 06:39:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	92067	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	89693	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	44472	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30528	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	27244	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.13	63	59777	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.60%
20) 2-Butanone-d5	3.94	46	84464	57.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.18%
24) Chloroform-d	4.38	84	60538	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.06	65	33315	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.08	84	115949	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.10	67	35716	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.34	98	111806	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
45) trans-1,3-Dichloropropene-	7.64	79	13142	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
48) 2-Hexanone-d5	8.12	63	61871	52.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26307	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	38678	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	46295	5.712 ug/L	97
3) Chloromethane	1.25	50	45750	5.164 ug/L	98
5) Vinyl chloride	1.32	62	44050	5.463 ug/L	97
6) Bromomethane	1.53	94	15330	3.380 ug/L	100
8) Chloroethane	1.60	64	28430	6.311 ug/L	96
9) Trichlorofluoromethane	1.77	101	59265	5.685 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	32470	5.715 ug/L	99
12) 1,1-Dichloroethene	2.14	96	30878	5.686 ug/L	87
13) Acetone	2.23	43	51894	57.158 ug/L	91
14) Carbon disulfide	2.31	76	94804	5.632 ug/L	99
15) Methyl Acetate	2.46	43	13768	5.934 ug/L	98
16) Methylene chloride	2.53	84	35418	5.689 ug/L	94
17) Methyl tert-butyl Ether	2.79	73	75456	5.643 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	32717	5.506 ug/L	96
19) 1,1-Dichloroethane	3.21	63	66778	5.916 ug/L	99
21) 2-Butanone	4.03	43	92698	57.396 ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	37006	5.265 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.28	128	15089	5.656	ug/L	85
25) Chloroform	4.41	83	67706	5.667	ug/L	99
27) 1,2-Dichloroethane	5.16	62	44912	5.750	ug/L #	92
29) 1,1,1-Trichloroethane	4.63	97	58821	5.525	ug/L	100
30) Cyclohexane	4.70	56	61969	5.432	ug/L	98
31) Carbon tetrachloride	4.85	117	49151	5.449	ug/L	98
33) Benzene	5.13	78	143244	5.550	ug/L	100
34) Trichloroethene	5.94	95	37332	5.552	ug/L	96
35) Methylcyclohexane	6.15	83	60618	5.345	ug/L	99
37) 1,2-Dichloropropane	6.20	63	35012	5.531	ug/L	99
38) Bromodichloromethane	6.53	83	43284	5.557	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	47778	5.329	ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	228304	57.967	ug/L	98
42) Toluene	7.41	91	155613	5.528	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	143390	5.596	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	146163	5.538	ug/L	98
46) trans-1,3-Dichloropropene	7.68	75	38586	5.180	ug/L	95
47) 1,1,2-Trichloroethane	7.86	97	23914	5.744	ug/L	96
49) Tetrachloroethene	8.00	164	26184	5.424	ug/L	94
50) 2-Hexanone	8.16	43	160202	58.326	ug/L	100
51) Dibromochloromethane	8.27	129	25192	5.712	ug/L	99
52) 1,2-Dibromoethane	8.38	107	21807	5.574	ug/L	93
53) Chlorobenzene	8.90	112	96476	5.547	ug/L	97
54) Ethylbenzene	9.03	91	175688	5.600	ug/L	99
55) m,p-xylene	9.16	106	67108	5.704	ug/L	100
56) o-xylene	9.57	106	62426	5.568	ug/L	99
57) Styrene	9.58	104	106885	5.729	ug/L	99
58) Isopropylbenzene	9.95	105	173566	5.652	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	29085	5.619	ug/L	97
62) Bromoform	9.75	173	11351	5.935	ug/L	96
63) 1,3-Dichlorobenzene	11.20	146	74160	5.464	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	75128	5.447	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	68228	5.562	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.45	75	4466	5.390	ug/L	98
68) 1,3,5-Trichlorobenzene	12.67	180	52487	5.465	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	45183	5.357	ug/L	98
70) Naphthalene	13.53	128	83342	4.523	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	40715	5.353	ug/L	98

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

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