

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061720\
 Data File : VV016959.D
 Acq On : 17 Jun 2020 11:35
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV33

Quant Time: Jun 18 01:49:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 01:31:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	211219	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	196721	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	105867	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	64868	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.58	69	46538	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.12	63	118772	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	3.92	46	169408	52.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.86%
24) Chloroform-d	4.38	84	134214	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.06	65	71953	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.07	84	262815	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.10	67	75903	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.34	98	247768	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
45) trans-1,3-Dichloropropene-	7.64	79	32605	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
48) 2-Hexanone-d5	8.11	63	132263	54.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.10%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	54486	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	95769	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	79472	4.713	ug/L 99
3) Chloromethane	1.25	50	67763	4.743	ug/L 99
5) Vinyl chloride	1.32	62	65966	4.759	ug/L 98
6) Bromomethane	1.53	94	40038	4.956	ug/L 99
8) Chloroethane	1.60	64	35283	4.606	ug/L 99
9) Trichlorofluoromethane	1.77	101	109317	4.870	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	52699	4.711	ug/L 96
12) 1,1-Dichloroethene	2.13	96	48782	4.812	ug/L 94
13) Acetone	2.19	43	80731	49.430	ug/L 96
14) Carbon disulfide	2.31	76	143762	4.733	ug/L 97
15) Methyl Acetate	2.45	43	17592	4.406	ug/L 93
16) Methylene chloride	2.52	84	48703	4.486	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	125369	4.925	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	50479	4.699	ug/L 96
19) 1,1-Dichloroethane	3.21	63	114592	4.748	ug/L 99
21) 2-Butanone	4.00	43	155985	50.666	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	70074	4.770	ug/L # 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	30830	4.939	ug/L	96
25) Chloroform	4.41	83	129216	4.901	ug/L	96
27) 1,2-Dichloroethane	5.16	62	79273	4.840	ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	118428	5.025	ug/L	99
30) Cyclohexane	4.70	56	110806	4.941	ug/L	99
31) Carbon tetrachloride	4.85	117	103352	4.860	ug/L	99
33) Benzene	5.12	78	255763	4.964	ug/L	100
34) Trichloroethene	5.94	95	72639	4.815	ug/L	98
35) Methylcyclohexane	6.15	83	116096	4.951	ug/L	99
37) 1,2-Dichloropropane	6.20	63	64714	5.074	ug/L	99
38) Bromodichloromethane	6.53	83	83722	4.833	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	95181	5.024	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	376160	51.086	ug/L	100
42) Toluene	7.41	91	288381	4.815	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	278084	5.192	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	286496	5.253	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	83199	5.076	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	44762	4.949	ug/L	96
49) Tetrachloroethene	8.00	164	59682	4.915	ug/L	99
50) 2-Hexanone	8.16	43	278158	53.082	ug/L	99
51) Dibromochloromethane	8.27	129	53410	4.871	ug/L	92
52) 1,2-Dibromoethane	8.38	107	44611	5.200	ug/L #	92
53) Chlorobenzene	8.90	112	187334	5.017	ug/L	98
54) Ethylbenzene	9.03	91	325777	5.095	ug/L	99
55) m,p-xylene	9.16	106	122632	4.890	ug/L	97
56) o-xylene	9.56	106	117324	5.014	ug/L	96
57) Styrene	9.58	104	203805	5.256	ug/L	96
58) Isopropylbenzene	9.95	105	330782	5.137	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	47409	5.067	ug/L	99
62) Bromoform	9.75	173	27428	4.843	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	160643	5.040	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	160556	4.956	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	144999	5.013	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	8105	5.066	ug/L	93
68) 1,3,5-Trichlorobenzene	12.67	180	130188	5.084	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	109394	5.190	ug/L	99
70) Naphthalene	13.53	128	164511	5.527	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	91668	5.332	ug/L	99

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

