

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039036.D
 Acq On : 23 Jun 2020 13:21
 Operator : SY/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Quant Time: Jun 24 00:28:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 00:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	264398	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	262871	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	122634	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20004	1.03	ug/L	0.00
7) Chloroethane-d5	1.93	69	16986	1.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	39027	1.05	ug/L	0.00
20) 2-Butanone-d5	4.67	46	72925	10.44	ug/L	0.00
24) Chloroform-d	5.10	84	40877	1.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	24638	1.05	ug/L	0.00
32) Benzene-d6	5.76	84	75070	1.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	25662	1.05	ug/L	0.00
41) Toluene-d8	7.92	98	60343	0.99	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	10603	1.00	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	50803	9.25	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	24165	1.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	23836	1.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	25701	1.086	ug/L 99
3) Chloromethane	1.53	50	26637	1.046	ug/L 92
5) Vinyl chloride	1.62	62	27377	1.066	ug/L 99
6) Bromomethane	1.87	94	14945	1.081	ug/L 99
8) Chloroethane	1.95	64	17062	1.102	ug/L 100
9) Trichlorofluoromethane	2.16	101	35456	1.078	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	21478	1.122	ug/L 96
12) 1,1-Dichloroethene	2.61	96	19647	1.073	ug/L 98
13) Acetone	2.67	43	51616	10.878	ug/L 98
14) Carbon disulfide	2.82	76	66949	1.097	ug/L 100
15) Methyl Acetate	2.99	43	11904	1.056	ug/L 98
16) Methylene chloride	3.08	84	24448	1.082	ug/L 96
17) Methyl tert-butyl Ether	3.40	73	53640	1.029	ug/L 97
18) trans-1,2-Dichloroethene	3.39	96	21026	1.073	ug/L 93
19) 1,1-Dichloroethane	3.91	63	42378	1.088	ug/L 97
21) 2-Butanone	4.75	43	75394	10.451	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	21632	1.023	ug/L 92
23) Bromochloromethane	5.01	128	10692	1.099	ug/L 97
25) Chloroform	5.12	83	43048	1.100	ug/L 96
27) 1,2-Dichloroethane	5.83	62	30707	1.101	ug/L 99
29) 1,1,1-Trichloroethane	5.35	97	33712	1.028	ug/L 95
30) Cyclohexane	5.42	56	30444	0.997	ug/L 96
31) Carbon tetrachloride	5.56	117	29437	1.078	ug/L 99
33) Benzene	5.81	78	86007	1.041	ug/L 100
34) Trichloroethene	6.57	95	21745	1.088	ug/L 96
35) Methylcyclohexane	6.79	83	28888	0.975	ug/L 96
37) 1,2-Dichloropropane	6.82	63	23580	1.054	ug/L 98
38) Bromodichloromethane	7.13	83	28867	1.035	ug/L 97
39) cis-1,3-Dichloropropene	7.63	75	30525	0.984	ug/L 96
40) 4-Methyl-2-pentanone	7.82	43	165925	9.935	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	84635	1.032	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	29094	1.003	ug/L	87
45) 1,1,2-Trichloroethane	8.42	97	17425	1.048	ug/L	97
47) Tetrachloroethene	8.57	164	15566	1.081	ug/L	96
48) 2-Hexanone	8.70	43	121957	9.961	ug/L	99
49) Dibromochloromethane	8.83	129	18793	1.039	ug/L	97
50) 1,2-Dibromoethane	8.94	107	16594	1.055	ug/L	99
51) Chlorobenzene	9.47	112	54618	1.058	ug/L	99
52) Ethylbenzene	9.59	91	86306	1.002	ug/L	98
53) m,p-Xylene	9.71	106	29713	0.938	ug/L	89
54) o-Xylene	10.11	106	29827	0.980	ug/L	96
55) Styrene	10.13	104	50155	0.938	ug/L	95
56) Isopropylbenzene	10.50	105	76572	0.960	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	23089	1.038	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	18347	1.088	ug/L	95
61) Bromoform	10.30	173	10738	1.072	ug/L	92
62) 1,3-Dichlorobenzene	11.76	146	38080	1.044	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	40567	1.080	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	38086	1.042	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	4272	1.059	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	28932	1.072	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	24509	0.997	ug/L	99
69) Naphthalene	14.11	128	49063	0.936	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	25034	1.055	ug/L	99

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

