

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039179.D
 Acq On : 29 Jun 2020 09:35
 Operator : SY/MD
 Sample : VSTD0.502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.502

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 3:57:48 PM

Quant Time: Jun 29 10:45:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 29 10:40:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	253648	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247953	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	116303	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	11983	0.65	ug/L	0.00
7) Chloroethane-d5	1.93	69	9763	0.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	22518	0.63	ug/L	0.00
20) 2-Butanone-d5	4.68	46	33319	4.97	ug/L	0.00
24) Chloroform-d	5.10	84	20821	0.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	13525	0.60	ug/L	0.00
32) Benzene-d6	5.76	84	38084	0.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	12399	0.54	ug/L	0.00
41) Toluene-d8	7.92	98	31844	0.55	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	5271	0.52	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	19369	3.74	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	9803	0.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	11746	0.54	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	13558	0.597 ug/L	93
3) Chloromethane	1.53	50	14792	0.605 ug/L	94
5) Vinyl chloride	1.62	62	14093	0.572 ug/L	98
6) Bromomethane	1.87	94	7235	0.545 ug/L	98
8) Chloroethane	1.95	64	8766	0.590 ug/L	91
9) Trichlorofluoromethane	2.16	101	18183	0.576 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	10372	0.565 ug/L	98
12) 1,1-Dichloroethene	2.61	96	10008	0.570 ug/L	95
13) Acetone	2.69	43	26563m	5.835 ug/L	
14) Carbon disulfide	2.82	76	34930	0.596 ug/L	98
15) Methyl Acetate	2.99	43	5952	0.551 ug/L	94
16) Methylene chloride	3.08	84	14267	0.658 ug/L	92
17) Methyl tert-butyl Ether	3.40	73	25111	0.502 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	10691	0.569 ug/L	95
19) 1,1-Dichloroethane	3.91	63	20476	0.548 ug/L	96
21) 2-Butanone	4.76	43	34714	5.016 ug/L	100
22) cis-1,2-Dichloroethene	4.70	96	9464	0.467 ug/L	79
23) Bromochloromethane	5.02	128	5295	0.567 ug/L	90
25) Chloroform	5.13	83	20468	0.545 ug/L	99
27) 1,2-Dichloroethane	5.83	62	14973	0.560 ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	17471	0.565 ug/L	98
30) Cyclohexane	5.42	56	14822	0.515 ug/L	97
31) Carbon tetrachloride	5.56	117	15025	0.583 ug/L	100
33) Benzene	5.81	78	42436	0.545 ug/L	100
34) Trichloroethene	6.57	95	10960	0.582 ug/L	96
35) Methylcyclohexane	6.79	83	13611	0.487 ug/L	94
37) 1,2-Dichloropropane	6.82	63	11235	0.532 ug/L #	96
38) Bromodichloromethane	7.13	83	14509	0.551 ug/L	96
39) cis-1,3-Dichloropropene	7.63	75	15061	0.515 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	73176	4.645 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	37671	0.487	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	14733	0.538	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	8290	0.528	ug/L	90
47) Tetrachloroethene	8.58	164	7591	0.559	ug/L	91
48) 2-Hexanone	8.71	43	56930	4.930	ug/L	98
49) Dibromochloromethane	8.83	129	9335	0.547	ug/L	89
50) 1,2-Dibromoethane	8.95	107	8064	0.544	ug/L #	89
51) Chlorobenzene	9.47	112	26790	0.550	ug/L	94
52) Ethylbenzene	9.59	91	40497	0.498	ug/L	96
53) m,p-Xylene	9.71	106	13971	0.467	ug/L	100
54) o-Xylene	10.12	106	13777	0.480	ug/L	98
55) Styrene	10.13	104	22891	0.454	ug/L	99
56) Isopropylbenzene	10.50	105	33311	0.443	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.80	83	9837	0.469	ug/L	93
59) 1,2,3-Trichloropropane	10.84	75	7903	0.497	ug/L	96
61) Bromoform	10.31	173	4608	0.485	ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	20448	0.591	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	20055	0.563	ug/L	92
65) 1,2-Dichlorobenzene	12.22	146	17563	0.507	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	1790	0.468	ug/L	90
67) 1,3,5-Trichlorobenzene	13.25	180	13930	0.544	ug/L	97
68) 1,2,4-trichlorobenzene	13.88	180	10965	0.470	ug/L	96
69) Naphthalene	14.12	128	18595	0.374	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	9842	0.437	ug/L	96

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

