

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039311.D
 Acq On : 07 Jul 2020 13:03
 Operator : SY/MD
 Sample : VSTD0.505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.505

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 2:53:14 PM

Quant Time: Jul 07 14:15:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 14:10:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	144233	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66141	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	3697	0.33	ug/L	0.00
7) Chloroethane-d5	1.93	69	3929	0.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	7678	0.37	ug/L	0.00
20) 2-Butanone-d5	4.66	46	16294	3.90	ug/L	0.00
24) Chloroform-d	5.08	84	7556	0.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	5216	0.40	ug/L	0.00
32) Benzene-d6	5.75	84	13785	0.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	5103	0.37	ug/L	0.00
41) Toluene-d8	7.91	98	12156	0.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	2200	0.35	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	12507	3.77	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	4923	0.38	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	4912	0.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	4189	0.511 ug/L	99
3) Chloromethane	1.53	50	5650	0.541 ug/L	99
5) Vinyl chloride	1.61	62	6181	0.575 ug/L	97
6) Bromomethane	1.87	94	2386	0.362 ug/L	81
8) Chloroethane	1.94	64	4076m	0.554 ug/L	
9) Trichlorofluoromethane	2.15	101	8690	0.462 ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4205	0.513 ug/L	93
12) 1,1-Dichloroethene	2.59	96	4368	0.535 ug/L	87
13) Acetone	2.67	43	10866	5.493 ug/L	92
14) Carbon disulfide	2.81	76	15950	0.612 ug/L	99
15) Methyl Acetate	2.97	43	2842	0.574 ug/L #	76
16) Methylene chloride	3.06	84	6249	0.601 ug/L	89
17) Methyl tert-butyl Ether	3.39	73	13677	0.509 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	4927	0.555 ug/L	87
19) 1,1-Dichloroethane	3.90	63	9532	0.536 ug/L	97
21) 2-Butanone	4.74	43	18583	5.161 ug/L #	65
22) cis-1,2-Dichloroethene	4.69	96	5548	0.548 ug/L	92
23) Bromochloromethane	5.00	128	2359	0.517 ug/L	95
25) Chloroform	5.11	83	9164	0.494 ug/L	81
27) 1,2-Dichloroethane	5.81	62	6472	0.485 ug/L #	93
29) 1,1,1-Trichloroethane	5.34	97	7927	0.518 ug/L	96
30) Cyclohexane	5.41	56	8715	0.568 ug/L	93
31) Carbon tetrachloride	5.54	117	6906	0.537 ug/L	93
33) Benzene	5.79	78	20720	0.552 ug/L	100
34) Trichloroethene	6.56	95	5367	0.554 ug/L	93
35) Methylcyclohexane	6.78	83	8583	0.554 ug/L	95
37) 1,2-Dichloropropane	6.81	63	5388	0.514 ug/L #	91
38) Bromodichloromethane	7.12	83	7073	0.518 ug/L #	96
39) cis-1,3-Dichloropropene	7.62	75	8198	0.503 ug/L	95
40) 4-Methyl-2-pentanone	7.81	43	47447	5.350 ug/L	97

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

42) Toluene	7.98	91	21902	0.536	ug/L	96
44) trans-1,3-Dichloropropene	8.22	75	7014	0.478	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	3954	0.507	ug/L	93
47) Tetrachloroethene	8.56	164	3706	0.545	ug/L	93
48) 2-Hexanone	8.70	43	32711	4.960	ug/L	98
49) Dibromochloromethane	8.82	129	4584	0.468	ug/L	97
50) 1,2-Dibromoethane	8.93	107	3790	0.484	ug/L #	96
51) Chlorobenzene	9.45	112	13789	0.545	ug/L	99
52) Ethylbenzene	9.57	91	23883	0.525	ug/L	98
53) m,p-Xylene	9.70	106	9006	0.525	ug/L	93
54) o-Xylene	10.10	106	8311	0.488	ug/L	99
55) Styrene	10.11	104	14689	0.494	ug/L	98
56) Isopropylbenzene	10.48	105	23438	0.509	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	5312	0.482	ug/L	92
59) 1,2,3-Trichloropropane	10.83	75	4049	0.514	ug/L	98
61) Bromoform	10.29	173	2510	0.426	ug/L #	96
62) 1,3-Dichlorobenzene	11.74	146	10550	0.508	ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	10762	0.527	ug/L	93
65) 1,2-Dichlorobenzene	12.21	146	10928	0.537	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.99	75	787	0.388	ug/L	88
67) 1,3,5-Trichlorobenzene	13.21	180	8240	0.540	ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	6654	0.504	ug/L	97
69) Naphthalene	14.08	128	13652	0.539	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	6148	0.511	ug/L	95

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

