

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040865.D
 Acq On : 21 Oct 2020 11:29
 Operator : SY/MD
 Sample : VSTD0.506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.506

Quant Time: Oct 22 00:08:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:01:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	251919	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	256318	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	123425	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	8437	0.42	ug/L	0.00
7) Chloroethane-d5	1.92	69	7581	0.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	18167	0.46	ug/L	0.00
20) 2-Butanone-d5	4.64	46	28566	4.41	ug/L	0.00
24) Chloroform-d	5.08	84	18581	0.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.71	65	10679	0.48	ug/L	0.00
32) Benzene-d6	5.74	84	32106	0.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	10993	0.48	ug/L	0.00
41) Toluene-d8	7.91	98	27796	0.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	4304	0.46	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	17311	3.56	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	9014	0.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	11103	0.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	13700	0.594 ug/L	98
3) Chloromethane	1.52	50	14770	0.657 ug/L	98
5) Vinyl chloride	1.61	62	13702	0.597 ug/L #	81
6) Bromomethane	1.86	94	7686	0.629 ug/L	82
8) Chloroethane	1.94	64	9674	0.663 ug/L #	77
9) Trichlorofluoromethane	2.15	101	17716	0.547 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	9767	0.473 ug/L	93
12) 1,1-Dichloroethene	2.59	96	9213	0.518 ug/L	94
13) Acetone	2.64	43	26027	5.346 ug/L	100
14) Carbon disulfide	2.80	76	36413	0.691 ug/L #	94
15) Methyl Acetate	2.97	43	6724	0.597 ug/L	93
16) Methylene chloride	3.06	84	13964	0.615 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	22231	0.454 ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	9652	0.517 ug/L	92
19) 1,1-Dichloroethane	3.89	63	19808	0.515 ug/L #	89
21) 2-Butanone	4.72	43	32442	4.287 ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	11237	0.559 ug/L	79
23) Bromochloromethane	4.99	128	4550	0.461 ug/L	99
25) Chloroform	5.11	83	20659	0.529 ug/L	95
27) 1,2-Dichloroethane	5.81	62	14201	0.514 ug/L #	94
29) 1,1,1-Trichloroethane	5.33	97	16620	0.490 ug/L	96
30) Cyclohexane	5.40	56	14573	0.461 ug/L	99
31) Carbon tetrachloride	5.53	117	15281	0.527 ug/L	95
33) Benzene	5.79	78	40732	0.501 ug/L	100
34) Trichloroethene	6.55	95	10641	0.509 ug/L	93
35) Methylcyclohexane	6.78	83	13509	0.449 ug/L	94
37) 1,2-Dichloropropane	6.80	63	10899	0.486 ug/L	98
38) Bromodichloromethane	7.11	83	14098	0.493 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	13710	0.448 ug/L	93
40) 4-Methyl-2-pentanone	7.80	43	64647	3.739 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.97	91	37569	0.455	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	12673	0.453	ug/L #	62
45) 1,1,2-Trichloroethane	8.41	97	7626	0.460	ug/L	92
47) Tetrachloroethene	8.56	164	7939	0.531	ug/L	92
48) 2-Hexanone	8.69	43	47817	3.725	ug/L	96
49) Dibromochloromethane	8.81	129	8887	0.465	ug/L	94
50) 1,2-Dibromoethane	8.92	107	7130	0.452	ug/L #	85
51) Chlorobenzene	9.45	112	26805	0.495	ug/L	93
52) Ethylbenzene	9.57	91	41458	0.467	ug/L	98
53) m,p-Xylene	9.70	106	13215	0.409	ug/L	95
54) o-Xylene	10.10	106	12519	0.405	ug/L	83
55) Styrene	10.11	104	22213	0.412	ug/L	99
56) Isopropylbenzene	10.48	105	34015	0.407	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.78	83	9833	0.452	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	7358	0.454	ug/L	98
61) Bromoform	10.29	173	4559	0.451	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	19118	0.482	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	20884	0.511	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	18175	0.473	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	1993	0.593	ug/L #	73
67) 1,3,5-Trichlorobenzene	13.21	180	14490	0.514	ug/L	95
68) 1,2,4-trichlorobenzene	13.83	180	11791	0.537	ug/L	97
69) Naphthalene	14.08	128	20684	0.563	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	12214	0.598	ug/L	97

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

