

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
 Data File : VU040936.D
 Acq On : 26 Oct 2020 11:34
 Operator : SY/MD
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00503

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 3:11:02 PM

Quant Time: Oct 27 02:34:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 02:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	62104	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62913	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32767	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27704	6.16	ug/L	0.00
7) Chloroethane-d5	1.92	69	21920	5.71	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	53960	5.73	ug/L	0.00
20) 2-Butanone-d5	4.67	46	93041	58.88	ug/L	0.00
24) Chloroform-d	5.08	84	49212	5.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	30049	5.59	ug/L	0.00
32) Benzene-d6	5.74	84	92155	5.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	29309	5.20	ug/L	0.00
41) Toluene-d8	7.91	98	83962	5.63	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	13228	5.70	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	70974	60.56	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27427	5.64	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	29745	5.12	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	29241	4.701 ug/L	100
3) Chloromethane	1.53	50	29918	4.487 ug/L	100
5) Vinyl chloride	1.61	62	29404	4.685 ug/L	100
6) Bromomethane	1.87	94	17341	5.304 ug/L	100
8) Chloroethane	1.94	64	18295	4.523 ug/L	100
9) Trichlorofluoromethane	2.15	101	40710	4.884 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	24403	5.028 ug/L	100
12) 1,1-Dichloroethene	2.59	96	22527	4.969 ug/L	100
13) Acetone	2.69	43	61768m	55.545 ug/L	
14) Carbon disulfide	2.81	76	75398	4.722 ug/L	100
15) Methyl Acetate	2.97	43	13140	4.823 ug/L	100
16) Methylene chloride	3.06	84	25804	4.625 ug/L	100
17) Methyl tert-butyl Ether	3.38	73	57449	5.147 ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	22428	4.795 ug/L	100
19) 1,1-Dichloroethane	3.89	63	45856	4.872 ug/L	100
21) 2-Butanone	4.75	43	96079	57.649 ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	23834	4.663 ug/L	100
23) Bromochloromethane	4.99	128	11432	4.965 ug/L	100
25) Chloroform	5.11	83	46413	4.836 ug/L	100
27) 1,2-Dichloroethane	5.81	62	33781	5.095 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	38148	4.744 ug/L	100
30) Cyclohexane	5.41	56	38879	4.830 ug/L	100
31) Carbon tetrachloride	5.54	117	34661	4.857 ug/L	100
33) Benzene	5.79	78	97016	4.863 ug/L	100
34) Trichloroethene	6.56	95	24173	4.731 ug/L	100
35) Methylcyclohexane	6.77	83	36931	4.856 ug/L	100
37) 1,2-Dichloropropane	6.80	63	26517	4.908 ug/L	100
38) Bromodichloromethane	7.12	83	33572	4.863 ug/L	100
39) cis-1,3-Dichloropropene	7.62	75	35956	4.953 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	212599	56.637 ug/L	100

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42) Toluene	7.98	91	102070	5.074	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	34096	5.152	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	19000	5.106	ug/L	100
47) Tetrachloroethene	8.56	164	17776	4.695	ug/L	100
48) 2-Hexanone	8.69	43	164170	59.532	ug/L	100
49) Dibromochloromethane	8.82	129	22397	5.051	ug/L	100
50) 1,2-Dibromoethane	8.93	107	18145	5.202	ug/L	100
51) Chlorobenzene	9.45	112	62267	4.802	ug/L	100
52) Ethylbenzene	9.57	91	105151	4.860	ug/L	100
53) m,p-Xylene	9.69	106	38844	5.009	ug/L	100
54) o-Xylene	10.10	106	36836	4.991	ug/L	100
55) Styrene	10.11	104	66960	5.205	ug/L	100
56) Isopropylbenzene	10.48	105	97428	4.953	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	25533	5.321	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	19219	5.322	ug/L	100
61) Bromoform	10.29	173	12426	5.128	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	48036	4.727	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	49360	4.710	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	45908	4.777	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	4515	4.920	ug/L	100
67) 1,3,5-Trichlorobenzene	13.21	180	32608	4.371	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	26836	4.287	ug/L	100
69) Naphthalene	14.08	128	47235	4.128	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	25636	4.238	ug/L	100

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

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