

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113020\
 Data File : VU041436.D
 Acq On : 30 Nov 2020 10:51
 Operator : SY/MD
 Sample : VSTD00535
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005205

Quant Time: Dec 01 00:30:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR113020WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 01 00:28:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61812	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62061	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	33978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22054	4.52	ug/L	0.00
7) Chloroethane-d5	1.92	69	16808	4.76	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	10235	4.58	ug/L	0.00
20) 2-Butanone-d5	4.65	46	69734	53.58	ug/L	0.00
24) Chloroform-d	5.08	84	48676	4.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	30871	5.11	ug/L	0.00
32) Benzene-d6	5.74	84	78964	5.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	22652	5.05	ug/L	0.00
41) Toluene-d8	7.91	98	77082	5.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	12737	5.31	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	50750	54.43	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	23317	5.02	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	30628	5.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	35952	4.991	ug/L 100
3) Chloromethane	1.53	50	26377	4.534	ug/L 100
5) Vinyl chloride	1.61	62	27897	4.909	ug/L 100
6) Bromomethane	1.87	94	16337	5.305	ug/L 100
8) Chloroethane	1.94	64	16376	4.639	ug/L 100
9) Trichlorofluoromethane	2.15	101	54136	5.324	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23857	4.995	ug/L 100
12) 1,1-Dichloroethene	2.59	96	20718	5.087	ug/L 100
13) Acetone	2.66	43	49814	50.226	ug/L 100
14) Carbon disulfide	2.81	76	57156	4.883	ug/L 100
15) Methyl Acetate	2.97	43	10383	5.149	ug/L 100
16) Methylene chloride	3.06	84	23535	3.841	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	60398	5.160	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	21490	5.223	ug/L 100
19) 1,1-Dichloroethane	3.89	63	44065	5.293	ug/L 100
21) 2-Butanone	4.73	43	77418	54.721	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	24178	5.210	ug/L 100
23) Bromochloromethane	4.99	128	12151	5.446	ug/L 100
25) Chloroform	5.11	83	51897	5.273	ug/L 100
27) 1,2-Dichloroethane	5.81	62	39712	5.499	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	47586	5.412	ug/L 100
30) Cyclohexane	5.40	56	34940	5.582	ug/L 100
31) Carbon tetrachloride	5.54	117	44197	5.532	ug/L 100
33) Benzene	5.79	78	93546	5.386	ug/L 100
34) Trichloroethene	6.56	95	25058	5.393	ug/L 100
35) Methylcyclohexane	6.77	83	33943	5.274	ug/L 100
37) 1,2-Dichloropropane	6.80	63	22980	5.244	ug/L 100
38) Bromodichloromethane	7.11	83	37224	5.367	ug/L 100
39) cis-1,3-Dichloropropene	7.62	75	37327	5.435	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	172430	55.549	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	101964	5.480	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	37155	5.573	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	18953	5.382	ug/L	100
47) Tetrachloroethene	8.56	164	19405	5.376	ug/L	100
48) 2-Hexanone	8.69	43	139599	57.967	ug/L	100
49) Dibromochloromethane	8.82	129	25672	5.499	ug/L	100
50) 1,2-Dibromoethane	8.93	107	18508	5.331	ug/L	100
51) Chlorobenzene	9.45	112	65814	5.218	ug/L	100
52) Ethylbenzene	9.57	91	115451	5.412	ug/L	100
53) m,p-Xylene	9.69	106	43614	5.655	ug/L	100
54) o-Xylene	10.10	106	40362	5.445	ug/L	100
55) Styrene	10.11	104	73742	5.624	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	25608	5.471	ug/L	100
59) Bromoform	10.29	173	15206	5.596	ug/L	100
60) Isopropylbenzene	10.48	105	115966	5.587	ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	18810	5.201	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	97430	5.508	ug/L	100
63) 1,2,4-Trimethylbenzene	11.47	105	100334	5.492	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	57448	5.423	ug/L	100
65) 1,4-Dichlorobenzene	11.83	146	57252	5.284	ug/L	100
67) 1,2-Dichlorobenzene	12.21	146	54357	5.292	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.99	75	5243	5.577	ug/L	100
69) 1,3,5-Trichlorobenzene	13.21	180	42027	5.155	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	34540	5.081	ug/L	100
71) Naphthalene	14.08	128	57939	4.958	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	32382	5.093	ug/L	100

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

