

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122820\
 Data File : VU041821.D
 Acq On : 28 Dec 2020 11:02
 Operator : SY/MD
 Sample : VSTD00536
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005364

Quant Time: Dec 29 00:35:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR122820WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 29 00:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	158296	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	155007	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	81991	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	63905	5.60	ug/L	0.00
7) Chloroethane-d5	1.92	69	60894	6.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	30364	5.51	ug/L	0.00
20) 2-Butanone-d5	4.66	46	177973	52.07	ug/L	0.00
24) Chloroform-d	5.08	84	111582	4.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	61040	4.05	ug/L	0.00
32) Benzene-d6	5.74	84	220465	5.63	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	67083	5.42	ug/L	0.00
41) Toluene-d8	7.90	98	209614	5.62	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	28920	4.70	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	159822	63.28	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	64287	5.62	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	77499	5.24	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	75311	4.510	ug/L 100
3) Chloromethane	1.52	50	67264	5.180	ug/L 100
5) Vinyl chloride	1.61	62	89264	6.326	ug/L 100
6) Bromomethane	1.86	94	56026	6.600	ug/L 100
8) Chloroethane	1.94	64	53989	5.727	ug/L 100
9) Trichlorofluoromethane	2.15	101	116780	4.765	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	67482	5.735	ug/L 100
12) 1,1-Dichloroethene	2.59	96	66294	6.479	ug/L 100
13) Acetone	2.67	43	131602	52.235	ug/L 100
14) Carbon disulfide	2.81	76	219860	7.067	ug/L 100
15) Methyl Acetate	2.98	43	32307	6.077	ug/L 100
16) Methylene chloride	3.06	84	73894	5.783	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	164640	5.457	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	65970	6.218	ug/L 100
19) 1,1-Dichloroethane	3.89	63	118522	5.599	ug/L 100
21) 2-Butanone	4.74	43	176967	49.977	ug/L 100
22) cis-1,2-Dichloroethene	4.68	96	64228	5.643	ug/L 100
23) Bromochloromethane	4.99	128	32128	5.678	ug/L 100
25) Chloroform	5.11	83	109433	4.603	ug/L 100
27) 1,2-Dichloroethane	5.81	62	72535	4.172	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	95306	4.493	ug/L 100
30) Cyclohexane	5.40	56	87898	5.545	ug/L 100
31) Carbon tetrachloride	5.54	117	84222	4.405	ug/L 100
33) Benzene	5.79	78	245651	5.586	ug/L 100
34) Trichloroethene	6.55	95	63641	5.291	ug/L 100
35) Methylcyclohexane	6.77	83	98507	5.784	ug/L 100
37) 1,2-Dichloropropane	6.80	63	61229	5.460	ug/L 100
38) Bromodichloromethane	7.11	83	79290	4.663	ug/L 100
39) cis-1,3-Dichloropropene	7.61	75	91000	5.263	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	401763	50.344	ug/L 100

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42) Toluene	7.97	91	264510	5.594	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	83837	5.006	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	50651	5.697	ug/L	100
47) Tetrachloroethene	8.56	164	51044	5.656	ug/L	100
48) 2-Hexanone	8.69	43	299084	49.862	ug/L	100
49) Dibromochloromethane	8.81	129	59482	5.051	ug/L	100
50) 1,2-Dibromoethane	8.92	107	49312	5.684	ug/L	100
51) Chlorobenzene	9.45	112	169809	5.526	ug/L	100
52) Ethylbenzene	9.57	91	273170	5.210	ug/L	100
53) m,p-Xylene	9.69	106	109351	5.711	ug/L	100
54) o-Xylene	10.10	106	103326	5.562	ug/L	100
55) Styrene	10.11	104	183841	5.653	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	63074	5.449	ug/L	100
59) Bromoform	10.29	173	36498	5.467	ug/L	100
60) Isopropylbenzene	10.48	105	276020	5.471	ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	46808	5.285	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	226646	5.275	ug/L	100
63) 1,2,4-Trimethylbenzene	11.46	105	231916	5.325	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	134040	5.358	ug/L	100
65) 1,4-Dichlorobenzene	11.83	146	132328	5.230	ug/L	100
67) 1,2-Dichlorobenzene	12.20	146	131158	5.321	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.99	75	10949	4.685	ug/L	100
69) 1,3,5-Trichlorobenzene	13.21	180	97489	5.138	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	73174	4.717	ug/L	100
71) Naphthalene	14.07	128	126636	4.906	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	71635	5.110	ug/L	100

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

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