

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102820\
 Data File : VU041001.D
 Acq On : 28 Oct 2020 18:31
 Operator : SY/MD
 Sample : VSTD02006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020106

Quant Time: Oct 29 01:32:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 01:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125558	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120806	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	61732	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	162664	19.46	ug/L	0.00
7) Chloroethane-d5	1.92	69	129272	18.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	78593	18.56	ug/L	0.00
20) 2-Butanone-d5	4.66	46	738501	231.83	ug/L	0.00
24) Chloroform-d	5.08	84	332433	19.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	203753	19.50	ug/L	0.00
32) Benzene-d6	5.74	84	588279	18.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	204621	19.64	ug/L	0.00
41) Toluene-d8	7.91	98	519014	18.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	92688	21.81	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	565306	256.13	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	189664	21.25	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	201427	19.08	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	214130	16.847 ug/L	99
3) Chloromethane	1.53	50	212547	16.859 ug/L	98
5) Vinyl chloride	1.61	62	215676	17.271 ug/L	100
6) Bromomethane	1.87	94	120442	18.088 ug/L	95
8) Chloroethane	1.94	64	125264	16.903 ug/L	97
9) Trichlorofluoromethane	2.15	101	292467	17.357 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	174531	16.992 ug/L	99
12) 1,1-Dichloroethene	2.59	96	163445	16.975 ug/L	97
13) Acetone	2.68	43	440056	186.350 ug/L	69
14) Carbon disulfide	2.81	76	528472	15.975 ug/L	98
15) Methyl Acetate	2.97	43	102971	17.568 ug/L	96
16) Methylene chloride	3.06	84	185273	15.378 ug/L	99
17) Methyl tert-butyl Ether	3.38	73	473157	18.790 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	169931	16.963 ug/L	99
19) 1,1-Dichloroethane	3.89	63	345649	17.363 ug/L	99
21) 2-Butanone	4.74	43	743978	192.071 ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	186442	17.691 ug/L	99
23) Bromochloromethane	4.99	128	87103	17.498 ug/L	99
25) Chloroform	5.11	83	351643	17.596 ug/L	99
27) 1,2-Dichloroethane	5.81	62	255525	17.675 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	298904	17.934 ug/L	99
30) Cyclohexane	5.41	56	318696	18.040 ug/L	99
31) Carbon tetrachloride	5.54	117	258010	18.169 ug/L	96
33) Benzene	5.79	78	727766	17.793 ug/L	100
34) Trichloroethene	6.56	95	188915	17.879 ug/L	96
35) Methylcyclohexane	6.77	83	298859	18.336 ug/L	97
37) 1,2-Dichloropropane	6.80	63	199417	17.377 ug/L	99
38) Bromodichloromethane	7.12	83	254572	18.296 ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	292892	19.021 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	1688491	195.634 ug/L	99

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42) Toluene	7.98	91	755398	18.257	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	270753	19.031	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	140976	18.069	ug/L	98
47) Tetrachloroethene	8.56	164	131384	17.128	ug/L	95
48) 2-Hexanone	8.69	43	1237737	196.185	ug/L	99
49) Dibromochloromethane	8.82	129	171234	19.102	ug/L	97
50) 1,2-Dibromoethane	8.93	107	137035	18.220	ug/L	97
51) Chlorobenzene	9.45	112	463340	17.435	ug/L	99
52) Ethylbenzene	9.57	91	838847	18.592	ug/L	99
53) m,p-Xylene	9.69	106	302898	18.631	ug/L	96
54) o-Xylene	10.10	106	291719	18.640	ug/L	98
55) Styrene	10.11	104	515768	19.081	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.78	83	188519	18.345	ug/L	96
59) Bromoform	10.29	173	95565	19.222	ug/L	97
60) Isopropylbenzene	10.48	105	801742	19.117	ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	143380	18.068	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	693620	20.634	ug/L	98
63) 1,2,4-Trimethylbenzene	11.46	105	708992	20.756	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	368554	17.644	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	374061	17.345	ug/L	98
67) 1,2-Dichlorobenzene	12.21	146	358509	18.237	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	36464	19.518	ug/L	92
69) 1,3,5-Trichlorobenzene	13.21	180	266078	18.187	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	243987	20.650	ug/L	99
71) Naphthalene	14.08	128	510397	25.106	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	228799	21.460	ug/L	98

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

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