

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112520\
 Data File : VU041429.D
 Acq On : 25 Nov 2020 13:28
 Operator : SY/MD
 Sample : VSTD02001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020101

Quant Time: Nov 26 06:16:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR112520WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 26 06:14:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67266	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	72041	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	40368	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	120723	26.05	ug/L	0.00
7) Chloroethane-d5	1.92	69	80715	21.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	54578	24.64	ug/L	0.00
20) 2-Butanone-d5	4.65	46	311164	174.95	ug/L	0.00
24) Chloroform-d	5.08	84	227034	24.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	135708	23.07	ug/L	0.00
32) Benzene-d6	5.74	84	392615	21.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	105578	17.63	ug/L	0.00
41) Toluene-d8	7.91	98	378315	23.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	62439	23.50	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	272136	203.66	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	116262	20.96	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	153079	22.26	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	166464	26.876 ug/L	98
3) Chloromethane	1.53	50	134513	22.048 ug/L	99
5) Vinyl chloride	1.61	62	137274	22.979 ug/L	96
6) Bromomethane	1.87	94	72323	22.405 ug/L	98
8) Chloroethane	1.94	64	71734	18.497 ug/L	97
9) Trichlorofluoromethane	2.15	101	234909	26.358 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	114692	23.366 ug/L	99
12) 1,1-Dichloroethene	2.59	96	99102	21.683 ug/L #	87
13) Acetone	2.66	43	231097	195.169 ug/L	99
14) Carbon disulfide	2.81	76	288892	20.221 ug/L	98
15) Methyl Acetate	2.97	43	52089	19.328 ug/L	100
16) Methylene chloride	3.06	84	114056	20.867 ug/L	92
17) Methyl tert-butyl Ether	3.38	73	297132	24.523 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	104948	22.484 ug/L	99
19) 1,1-Dichloroethane	3.89	63	196641	20.431 ug/L	100
21) 2-Butanone	4.73	43	341974	183.410 ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	111735	22.177 ug/L	93
23) Bromochloromethane	4.99	128	52993	22.243 ug/L	96
25) Chloroform	5.11	83	224736	22.437 ug/L	99
27) 1,2-Dichloroethane	5.81	62	165112	22.503 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	211923	22.295 ug/L	99
30) Cyclohexane	5.40	56	170060	20.482 ug/L	97
31) Carbon tetrachloride	5.54	117	193527	23.554 ug/L	99
33) Benzene	5.79	78	427460	20.115 ug/L	100
34) Trichloroethene	6.55	95	111661	19.369 ug/L	99
35) Methylcyclohexane	6.77	83	169009	21.032 ug/L	95
37) 1,2-Dichloropropane	6.80	63	100763	16.942 ug/L	99
38) Bromodichloromethane	7.11	83	166142	21.393 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	183426	22.418 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	784528	177.433 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	460670	21.048	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	173186	22.567	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	85520	19.893	ug/L	97
47) Tetrachloroethene	8.56	164	91436	22.622	ug/L	99
48) 2-Hexanone	8.69	43	675097	203.532	ug/L	99
49) Dibromochloromethane	8.82	129	117497	22.671	ug/L	100
50) 1,2-Dibromoethane	8.93	107	86396	21.043	ug/L	96
51) Chlorobenzene	9.45	112	314924	22.549	ug/L	99
52) Ethylbenzene	9.57	91	577972	25.441	ug/L	100
53) m,p-Xylene	9.69	106	214821	25.958	ug/L	99
54) o-Xylene	10.10	106	206343	25.979	ug/L	98
55) Styrene	10.11	104	366158	26.602	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	118387	21.276	ug/L	97
59) Bromoform	10.29	173	69499	21.624	ug/L	99
60) Isopropylbenzene	10.48	105	585433	24.628	ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	90576	18.853	ug/L	98
62) 1,3,5-Trimethylbenzene	11.09	105	518873	26.431	ug/L	99
63) 1,2,4-Trimethylbenzene	11.47	105	536093	27.048	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	269309	22.344	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	274572	22.347	ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	259362	22.099	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.99	75	24893	21.656	ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	210484	24.928	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	183206	25.697	ug/L	100
71) Naphthalene	14.08	128	349183	27.814	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	165709	24.878	ug/L	100

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

