

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102820\
 Data File : VU040999.D
 Acq On : 28 Oct 2020 17:44
 Operator : SY/MD
 Sample : VSTD00504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005104

Quant Time: Oct 29 01:31:59 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	121832	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119860	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	60052	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40283	4.97	ug/L	0.00
7) Chloroethane-d5	1.92	69	33063	4.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	20237	4.93	ug/L	0.00
20) 2-Butanone-d5	4.66	46	168990	54.67	ug/L	0.00
24) Chloroform-d	5.08	84	83706	5.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	51244	5.06	ug/L	0.00
32) Benzene-d6	5.74	84	150191	4.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	52000	5.03	ug/L	0.00
41) Toluene-d8	7.91	98	134163	4.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	20847	4.94	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	121320	55.40	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	46415	5.24	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	48502	4.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	53448	4.334	ug/L 100
3) Chloromethane	1.53	50	53465	4.371	ug/L 100
5) Vinyl chloride	1.61	62	53457	4.412	ug/L 100
6) Bromomethane	1.87	94	28514	4.413	ug/L 100
8) Chloroethane	1.94	64	31328	4.357	ug/L 100
9) Trichlorofluoromethane	2.15	101	72985	4.464	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	43053	4.320	ug/L 100
12) 1,1-Dichloroethene	2.59	96	41265	4.417	ug/L 100
13) Acetone	2.68	43	94905	41.419	ug/L 100
14) Carbon disulfide	2.81	76	129639	4.039	ug/L 100
15) Methyl Acetate	2.98	43	24284	4.270	ug/L 100
16) Methylene chloride	3.06	84	46673	3.992	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	104378	4.272	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	40299	4.146	ug/L 100
19) 1,1-Dichloroethane	3.89	63	84138	4.356	ug/L 100
21) 2-Butanone	4.74	43	168933	44.947	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	43557	4.259	ug/L 100
23) Bromochloromethane	4.99	128	21318	4.413	ug/L 100
25) Chloroform	5.11	83	85918	4.431	ug/L 100
27) 1,2-Dichloroethane	5.81	62	63671	4.539	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	73987	4.474	ug/L 100
30) Cyclohexane	5.41	56	69471	3.964	ug/L 100
31) Carbon tetrachloride	5.54	117	63092	4.478	ug/L 100
33) Benzene	5.79	78	181083	4.462	ug/L 100
34) Trichloroethene	6.56	95	45475	4.338	ug/L 100
35) Methylcyclohexane	6.77	83	65262	4.036	ug/L 100
37) 1,2-Dichloropropane	6.80	63	50304	4.418	ug/L 100
38) Bromodichloromethane	7.12	83	61712	4.470	ug/L 100
39) cis-1,3-Dichloropropene	7.62	75	65566	4.292	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	387190	45.215	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	187610	4.570	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	61599	4.364	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	35761	4.620	ug/L	100
47) Tetrachloroethene	8.56	164	33296	4.375	ug/L	100
48) 2-Hexanone	8.69	43	294730	47.084	ug/L	100
49) Dibromochloromethane	8.82	129	40449	4.548	ug/L	100
50) 1,2-Dibromoethane	8.93	107	33308	4.464	ug/L	100
51) Chlorobenzene	9.45	112	113710	4.312	ug/L	100
52) Ethylbenzene	9.57	91	189617	4.236	ug/L	100
53) m,p-Xylene	9.69	106	70025	4.341	ug/L	100
54) o-Xylene	10.10	106	65882	4.243	ug/L	100
55) Styrene	10.11	104	118770	4.429	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	46772	4.587	ug/L	100
59) Bromoform	10.29	173	22666	4.687	ug/L	100
60) Isopropylbenzene	10.48	105	178770	4.382	ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	35177	4.557	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	139735	4.273	ug/L	100
63) 1,2,4-Trimethylbenzene	11.47	105	147977	4.453	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	88086	4.335	ug/L	100
65) 1,4-Dichlorobenzene	11.83	146	90188	4.299	ug/L	100
67) 1,2-Dichlorobenzene	12.20	146	82360	4.307	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.99	75	8111	4.463	ug/L	100
69) 1,3,5-Trichlorobenzene	13.21	180	59965	4.213	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	50258	4.373	ug/L	100
71) Naphthalene	14.08	128	83823	4.239	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	47509	4.581	ug/L	100

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

