

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102820\
 Data File : VU040991.D
 Acq On : 28 Oct 2020 10:43
 Operator : SY/MD
 Sample : VSTD0.502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTD0.502

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 11:02:28 AM

Quant Time: Oct 29 01:34:44 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	59264	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60887	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	27377	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	2462	0.62	ug/L	0.00
7) Chloroethane-d5	1.92	69	1934	0.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	1099	0.55	ug/L	0.00
20) 2-Butanone-d5	4.67	46	7701	5.12	ug/L	0.00
24) Chloroform-d	5.07	84	4528	0.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	2902	0.59	ug/L	0.00
32) Benzene-d6	5.74	84	7444	0.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	2570	0.49	ug/L	0.00
41) Toluene-d8	7.90	98	6390	0.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	1039	0.48	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	4791	4.31	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	2393	0.53	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	2475	0.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	2769	0.462 ug/L	93
3) Chloromethane	1.53	50	3083	0.518 ug/L	95
5) Vinyl chloride	1.61	62	2880	0.489 ug/L	83
6) Bromomethane	1.87	94	1569	0.499 ug/L	99
8) Chloroethane	1.94	64	2055	0.588 ug/L	83
9) Trichlorofluoromethane	2.15	101	3903	0.491 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2435	0.502 ug/L	94
12) 1,1-Dichloroethene	2.59	96	2222	0.489 ug/L	93
13) Acetone	2.67	43	5451	4.890 ug/L	98
14) Carbon disulfide	2.81	76	7249	0.464 ug/L	99
15) Methyl Acetate	2.97	43	1347	0.487 ug/L #	57
16) Methylene chloride	3.06	84	2945	0.518 ug/L	99
17) Methyl tert-butyl Ether	3.38	73	5295	0.446 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	2180	0.461 ug/L	97
19) 1,1-Dichloroethane	3.89	63	4567	0.486 ug/L	96
21) 2-Butanone	4.74	43	8254m	4.515 ug/L	
22) cis-1,2-Dichloroethene	4.68	96	2032	0.408 ug/L	98
23) Bromochloromethane	4.99	128	1039	0.442 ug/L	86
25) Chloroform	5.10	83	4635	0.491 ug/L	93
27) 1,2-Dichloroethane	5.81	62	3339	0.489 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	3831	0.456 ug/L	93
30) Cyclohexane	5.40	56	3067	0.344 ug/L	99
31) Carbon tetrachloride	5.54	117	3134	0.438 ug/L	92
33) Benzene	5.79	78	8582	0.416 ug/L	100
34) Trichloroethene	6.55	95	2461	0.462 ug/L	92
35) Methylcyclohexane	6.77	83	3000	0.365 ug/L	100
37) 1,2-Dichloropropane	6.80	63	2515	0.435 ug/L #	89
38) Bromodichloromethane	7.11	83	3099	0.442 ug/L #	99
39) cis-1,3-Dichloropropene	7.62	75	3041	0.392 ug/L	93
40) 4-Methyl-2-pentanone	7.80	43	16631	3.823 ug/L	96

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42) Toluene	7.97	91	7758	0.372	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	2749	0.383	ug/L #	76
45) 1,1,2-Trichloroethane	8.40	97	1851	0.471	ug/L	95
47) Tetrachloroethene	8.56	164	1942	0.502	ug/L	82
48) 2-Hexanone	8.69	43	12557	3.949	ug/L	94
49) Dibromochloromethane	8.81	129	2020	0.447	ug/L	94
50) 1,2-Dibromoethane	8.93	107	1726	0.455	ug/L #	100
51) Chlorobenzene	9.45	112	5727	0.428	ug/L	99
52) Ethylbenzene	9.57	91	8327	0.366	ug/L	96
53) m,p-Xylene	9.69	106	2750	0.336	ug/L	69
54) o-Xylene	10.10	106	2596	0.329	ug/L	88
55) Styrene	10.11	104	4124	0.303	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.78	83	2313	0.447	ug/L #	93
59) Bromoform	10.29	173	1073	0.487	ug/L #	91
60) Isopropylbenzene	10.48	105	6757	0.363	ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	1941	0.552	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	4953	0.332	ug/L	98
63) 1,2,4-Trimethylbenzene	11.46	105	5009	0.331	ug/L	98
64) 1,3-Dichlorobenzene	11.74	146	3736	0.403	ug/L	97
65) 1,4-Dichlorobenzene	11.83	146	4148	0.434	ug/L	94
67) 1,2-Dichlorobenzene	12.20	146	3981	0.457	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.99	75	362	0.437	ug/L	88
69) 1,3,5-Trichlorobenzene	13.21	180	2728	0.420	ug/L	96
70) 1,2,4-trichlorobenzene	13.83	180	1950	0.372	ug/L	98
71) Naphthalene	14.08	128	2560	0.284	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.32	180	1718	0.363	ug/L	94

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

