

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102820\
 Data File : VU040993.D
 Acq On : 28 Oct 2020 11:46
 Operator : SY/MD
 Sample : VSTD00504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00504

Quant Time: Oct 29 01:30:14 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	66545	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67384	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	34606	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23672	5.34	ug/L	0.00
7) Chloroethane-d5	1.92	69	19736	5.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	11366	5.06	ug/L	0.00
20) 2-Butanone-d5	4.66	46	89086	52.77	ug/L	0.00
24) Chloroform-d	5.08	84	45811	5.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	27373	4.94	ug/L	0.00
32) Benzene-d6	5.74	84	81673	4.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	27242	4.69	ug/L	0.00
41) Toluene-d8	7.90	98	73370	4.73	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	12164	5.13	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	66912	54.35	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	25503	5.12	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	26154	4.42	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	30368	4.508	ug/L 99
3) Chloromethane	1.53	50	31319	4.687	ug/L 99
5) Vinyl chloride	1.61	62	32036	4.840	ug/L 100
6) Bromomethane	1.87	94	16328	4.627	ug/L 97
8) Chloroethane	1.94	64	20041	5.103	ug/L 97
9) Trichlorofluoromethane	2.15	101	42769	4.789	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	25797	4.739	ug/L 98
12) 1,1-Dichloroethene	2.59	96	23495	4.604	ug/L 89
13) Acetone	2.68	43	66835	53.402	ug/L 74
14) Carbon disulfide	2.81	76	76293	4.351	ug/L 99
15) Methyl Acetate	2.97	43	14874	4.788	ug/L 99
16) Methylene chloride	3.06	84	26383	4.132	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	60762	4.553	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	23577	4.441	ug/L 97
19) 1,1-Dichloroethane	3.89	63	48051	4.554	ug/L 99
21) 2-Butanone	4.74	43	102659	50.007	ug/L 99
22) cis-1,2-Dichloroethene	4.68	96	25111	4.496	ug/L 96
23) Bromochloromethane	4.99	128	12512	4.742	ug/L 97
25) Chloroform	5.10	83	50595	4.777	ug/L 99
27) 1,2-Dichloroethane	5.81	62	36950	4.823	ug/L # 94
29) 1,1,1-Trichloroethane	5.33	97	41918	4.509	ug/L 98
30) Cyclohexane	5.40	56	40492	4.109	ug/L 98
31) Carbon tetrachloride	5.54	117	35959	4.540	ug/L 95
33) Benzene	5.79	78	102713	4.502	ug/L 100
34) Trichloroethene	6.55	95	25535	4.333	ug/L 99
35) Methylcyclohexane	6.77	83	38364	4.220	ug/L 97
37) 1,2-Dichloropropane	6.80	63	28283	4.418	ug/L 99
38) Bromodichloromethane	7.11	83	35884	4.624	ug/L 92
39) cis-1,3-Dichloropropene	7.61	75	36802	4.285	ug/L 99
40) 4-Methyl-2-pentanone	7.80	43	228028	47.366	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.97	91	107189	4.644	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	36035	4.541	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	20367	4.680	ug/L	97
47) Tetrachloroethene	8.56	164	19204	4.488	ug/L	96
48) 2-Hexanone	8.69	43	176007	50.015	ug/L	98
49) Dibromochloromethane	8.81	129	24219	4.844	ug/L	98
50) 1,2-Dibromoethane	8.93	107	19442	4.634	ug/L	99
51) Chlorobenzene	9.45	112	65678	4.431	ug/L	97
52) Ethylbenzene	9.57	91	110660	4.397	ug/L	99
53) m,p-Xylene	9.69	106	41433	4.569	ug/L	98
54) o-Xylene	10.10	106	39156	4.485	ug/L	98
55) Styrene	10.11	104	71539	4.745	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.78	83	27202	4.746	ug/L	95
59) Bromoform	10.29	173	13188	4.732	ug/L	97
60) Isopropylbenzene	10.48	105	102701	4.368	ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	20436	4.594	ug/L	96
62) 1,3,5-Trimethylbenzene	11.09	105	80179	4.255	ug/L	99
63) 1,2,4-Trimethylbenzene	11.47	105	84695	4.423	ug/L	97
64) 1,3-Dichlorobenzene	11.74	146	51474	4.396	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	52137	4.313	ug/L	98
67) 1,2-Dichlorobenzene	12.20	146	48435	4.395	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.99	75	4706	4.493	ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	33791	4.120	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	28764	4.343	ug/L	98
71) Naphthalene	14.08	128	49110	4.309	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	27782	4.648	ug/L	99

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

