

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122820\
 Data File : VU041819.D
 Acq On : 28 Dec 2020 10:10
 Operator : SY/MD
 Sample : VSTD0.534
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5342

Quant Time: Dec 29 00:34:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR122820WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 29 00:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	166389	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	168110	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	79538	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	6415	0.53	ug/L	0.00
7) Chloroethane-d5	1.92	69	5987	0.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	3256	0.56	ug/L	0.00
20) 2-Butanone-d5	4.66	46	18315	5.10	ug/L	0.00
24) Chloroform-d	5.08	84	13045	0.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.71	65	7280	0.46	ug/L	0.00
32) Benzene-d6	5.74	84	23073	0.54	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	7101	0.53	ug/L	0.00
41) Toluene-d8	7.90	98	20853	0.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	2652	0.40	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	13992	5.11	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	7001	0.56	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	6883	0.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	7770	0.443 ug/L	100
3) Chloromethane	1.52	50	7503	0.550 ug/L	99
5) Vinyl chloride	1.61	62	8713	0.587 ug/L	92
6) Bromomethane	1.86	94	6140	0.688 ug/L	85
8) Chloroethane	1.94	64	5554	0.561 ug/L	93
9) Trichlorofluoromethane	2.15	101	12189	0.473 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	6680	0.540 ug/L	97
12) 1,1-Dichloroethene	2.59	96	6684	0.621 ug/L	96
13) Acetone	2.68	43	13642	5.151 ug/L	94
14) Carbon disulfide	2.80	76	22381	0.684 ug/L	97
15) Methyl Acetate	2.97	43	2945	0.527 ug/L #	65
16) Methylene chloride	3.06	84	11191	0.833 ug/L	99
17) Methyl tert-butyl Ether	3.38	73	15867	0.500 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	6162	0.553 ug/L	94
19) 1,1-Dichloroethane	3.89	63	12268	0.551 ug/L	97
21) 2-Butanone	4.74	43	18530	4.979 ug/L #	65
22) cis-1,2-Dichloroethene	4.68	96	6973	0.583 ug/L	95
23) Bromochloromethane	4.99	128	3237	0.544 ug/L	92
25) Chloroform	5.10	83	12232	0.489 ug/L	94
27) 1,2-Dichloroethane	5.81	62	7412	0.406 ug/L	95
29) 1,1,1-Trichloroethane	5.33	97	10824	0.471 ug/L	99
30) Cyclohexane	5.40	56	8960	0.521 ug/L	95
31) Carbon tetrachloride	5.54	117	8965	0.432 ug/L	99
33) Benzene	5.78	78	23523	0.493 ug/L	100
34) Trichloroethene	6.55	95	6198	0.475 ug/L	94
35) Methylcyclohexane	6.77	83	8751	0.474 ug/L	96
37) 1,2-Dichloropropane	6.80	63	5806	0.477 ug/L #	92
38) Bromodichloromethane	7.11	83	7614	0.413 ug/L #	98
39) cis-1,3-Dichloropropene	7.61	75	8104	0.432 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	33834	3.909 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.97	91	23348	0.455	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	7801	0.429	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	4984	0.517	ug/L	95
47) Tetrachloroethene	8.56	164	4964	0.507	ug/L	87
48) 2-Hexanone	8.69	43	24667	3.792	ug/L	94
49) Dibromochloromethane	8.81	129	5827	0.456	ug/L	93
50) 1,2-Dibromoethane	8.92	107	4825	0.513	ug/L #	82
51) Chlorobenzene	9.45	112	16578	0.497	ug/L	96
52) Ethylbenzene	9.57	91	23663	0.416	ug/L	97
53) m,p-Xylene	9.69	106	8955	0.431	ug/L	90
54) o-Xylene	10.10	106	8447	0.419	ug/L	98
55) Styrene	10.11	104	13995	0.397	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.78	83	6975	0.556	ug/L	87
59) Bromoform	10.29	173	3652	0.564	ug/L #	90
60) Isopropylbenzene	10.48	105	22329	0.456	ug/L	98
61) 1,2,3-Trichloropropane	10.82	75	4816	0.561	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	16836	0.404	ug/L	98
63) 1,2,4-Trimethylbenzene	11.46	105	15499	0.367	ug/L	97
64) 1,3-Dichlorobenzene	11.74	146	10924	0.450	ug/L	93
65) 1,4-Dichlorobenzene	11.83	146	12284	0.500	ug/L	95
67) 1,2-Dichlorobenzene	12.21	146	11074	0.463	ug/L	89
68) 1,2-Dibromo-3-chloropropan	12.99	75	1040	0.459	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.21	180	8280	0.450	ug/L	96
70) 1,2,4-trichlorobenzene	13.83	180	5031	0.334	ug/L	99
71) Naphthalene	14.07	128	7068	0.282	ug/L	94
72) 1,2,3-Trichlorobenzene	14.32	180	4568	0.336	ug/L	85

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

