

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012521\
 Data File : VU042190.D
 Acq On : 25 Jan 2021 11:21
 Operator : SY/MD
 Sample : VSTD02033
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020334

Quant Time: Jan 25 16:49:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 25 16:41:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	111789	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	105641	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	59393	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	115892	14.23	ug/L	0.00
7) Chloroethane-d5	1.916	69	98615	12.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	66318	15.86	ug/L	0.00
20) 2-Butanone-d5	4.645	46	551561	217.88	ug/L	0.00
24) Chloroform-d	5.073	84	297945	18.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	176501	19.44	ug/L	0.00
32) Benzene-d6	5.735	84	537006	18.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	176965	19.15	ug/L	0.00
41) Toluene-d8	7.906	98	510267	18.60	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	87459	21.80	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	396693	192.79	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	157386	18.33	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	215174	19.41	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	195482	19.24	ug/L	99
3) Chloromethane	1.520	50	171376	18.62	ug/L	98
5) Vinyl chloride	1.607	62	174817	16.37	ug/L	100
6) Bromomethane	1.861	94	97516	13.65	ug/L	99
8) Chloroethane	1.938	64	99367	14.73	ug/L	100
9) Trichlorofluoromethane	2.141	101	235378	15.67	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	155037	18.12	ug/L	94
12) 1,1-Dichloroethene	2.584	96	145650	17.28	ug/L	88
13) Acetone	2.658	43	352529	203.99	ug/L #	63
14) Carbon disulfide	2.797	76	494429	17.47	ug/L	99
15) Methyl Acetate	2.964	43	87966	22.20	ug/L #	88
16) Methylene chloride	3.051	84	158405	14.74	ug/L	86
17) Methyl tert-butyl Ether	3.372	73	428398	20.42	ug/L #	94
18) trans-1,2-Dichloroethene	3.359	96	156650	18.98	ug/L	91
19) 1,1-Dichloroethane	3.877	63	301578	20.36	ug/L	98
21) 2-Butanone	4.726	43	592371	237.04	ug/L	86
22) cis-1,2-Dichloroethene	4.674	96	169281	19.34	ug/L	91
23) Bromochloromethane	4.983	128	79325	18.86	ug/L #	83
25) Chloroform	5.095	83	302546	19.77	ug/L	100
27) 1,2-Dichloroethane	5.803	62	221902	21.78	ug/L	96
29) 1,1,1-Trichloroethane	5.324	97	280789	21.72	ug/L	96
30) Cyclohexane	5.394	56	289241	23.67	ug/L	89
31) Carbon tetrachloride	5.533	117	248647	21.78	ug/L	99
33) Benzene	5.784	78	630398	20.15	ug/L	100
34) Trichloroethene	6.549	95	171698	20.84	ug/L	99
35) Methylcyclohexane	6.771	83	274762	21.46	ug/L	92
37) 1,2-Dichloropropane	6.800	63	164414	20.89	ug/L	100
38) Bromodichloromethane	7.111	83	230408	22.06	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	273739	22.77	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	1408449	263.00	ug/L #	87
42) Toluene	7.976	91	677147	20.49	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	246416	22.55	ug/L	96

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45) 1,1,2-Trichloroethane	8.407	97	121795	19.62	ug/L	97
47) Tetrachloroethene	8.562	164	140388	21.62	ug/L	94
48) 2-Hexanone	8.697	43	1026586	263.11	ug/L #	87
49) Dibromochloromethane	8.819	129	161919	21.24	ug/L	94
50) 1,2-Dibromoethane	8.931	107	125112	20.25	ug/L #	100
51) Chlorobenzene	9.455	112	431940	20.03	ug/L	96
52) Ethylbenzene	9.578	91	779460	22.23	ug/L	98
53) m,p-Xylene	9.700	106	290790	21.43	ug/L	91
54) o-Xylene	10.108	106	283673	21.80	ug/L	96
55) Styrene	10.121	104	490302	22.12	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	156227	19.12	ug/L	99
59) Bromoform	10.298	173	106524	20.79	ug/L	99
60) Isopropylbenzene	10.491	105	774099	20.84	ug/L	98
61) 1,2,3-Trichloropropane	10.832	75	118180	18.15	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	662077	21.63	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	669529	22.20	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	368201	20.65	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	368767	20.25	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	346849	19.71	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.005	75	32843	21.48	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	310515	22.67	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	271149	26.29	ug/L	99
71) Naphthalene	14.095	128	481439	26.62	ug/L	100
72) 1,2,3-Trichlorobenzene	14.339	180	242610	25.09	ug/L	99

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

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