

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022721\
 Data File : VU042443.D
 Acq On : 26 Feb 2021 11:52
 Operator : SY/MD
 Sample : VSTD0.536
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5362

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 3:46:17 PM

Quant Time: Feb 26 23:46:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022621WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 26 23:45:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	93706	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	91025	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	48340	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	2045	0.44	ug/L	0.00
7) Chloroethane-d5	1.919	69	2288	0.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	65	1389	0.51	ug/L	0.00
20) 2-Butanone-d5	4.661	46	9594m	4.33	ug/L	0.02
24) Chloroform-d	5.073	84	6542	0.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.716	65	4167	0.56	ug/L	0.00
32) Benzene-d6	5.735	84	11030	0.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	3649	0.49	ug/L	0.00
41) Toluene-d8	7.906	98	10175	0.48	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.192	79	1208	0.34	ug/L	0.00
46) 2-Hexanone-d5	8.652	63	7225	4.46	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.767	84	3253	0.51	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.205	152	4171	0.49	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	4188	0.49	ug/L	97
3) Chloromethane	1.523	50	3931	0.52	ug/L	94
5) Vinyl chloride	1.607	62	3529	0.47	ug/L	97
6) Bromomethane	1.864	94	2218	0.55	ug/L	97
8) Chloroethane	1.938	64	2189	0.50	ug/L	94
9) Trichlorofluoromethane	2.144	101	5925	0.54	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	3128	0.48	ug/L	96
12) 1,1-Dichloroethene	2.588	96	2844	0.47	ug/L	91
13) Acetone	2.665	43	4296	2.88	ug/L	87
14) Carbon disulfide	2.803	76	9076	0.44	ug/L	98
15) Methyl Acetate	2.964	43	1399	0.38	ug/L #	57
16) Methylene chloride	3.060	84	3788	0.51	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	7745	0.44	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	2944	0.46	ug/L	90
19) 1,1-Dichloroethane	3.880	63	5588	0.45	ug/L	95
21) 2-Butanone	4.739	43	7411	2.97	ug/L #	76
22) cis-1,2-Dichloroethene	4.678	96	2903	0.42	ug/L	95
23) Bromochloromethane	4.989	128	1596	0.49	ug/L #	84
25) Chloroform	5.102	83	6085	0.47	ug/L	90
27) 1,2-Dichloroethane	5.806	62	4418	0.47	ug/L #	80
29) 1,1,1-Trichloroethane	5.327	97	5204	0.43	ug/L	97
30) Cyclohexane	5.398	56	5068	0.41	ug/L	98
31) Carbon tetrachloride	5.533	117	4460	0.42	ug/L	94
33) Benzene	5.784	78	12189	0.45	ug/L	100
34) Trichloroethene	6.552	95	3395	0.47	ug/L	99
35) Methylcyclohexane	6.771	83	4742	0.40	ug/L	99
37) 1,2-Dichloropropane	6.803	63	3397	0.48	ug/L #	92
38) Bromodichloromethane	7.115	83	4117	0.43	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	4053	0.36	ug/L	91
40) 4-Methyl-2-pentanone	7.809	43	25569	4.27	ug/L	98
42) Toluene	7.976	91	12587	0.44	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	3616	0.36	ug/L	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	2098	0.40	ug/L	91
47) Tetrachloroethene	8.562	164	2587	0.43	ug/L	95
48) 2-Hexanone	8.700	43	17093	3.95	ug/L	96
49) Dibromochloromethane	8.819	129	2831	0.42	ug/L	98
50) 1,2-Dibromoethane	8.931	107	2274	0.42	ug/L #	90
51) Chlorobenzene	9.455	112	8177	0.44	ug/L	91
52) Ethylbenzene	9.578	91	13884	0.42	ug/L	98
53) m,p-Xylene	9.703	106	4976	0.40	ug/L	100
54) o-Xylene	10.108	106	5152	0.43	ug/L	89
55) Styrene	10.124	104	7996	0.40	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.793	83	2699	0.41	ug/L	96
59) Bromoform	10.301	173	1544	0.38	ug/L #	86
60) Isopropylbenzene	10.491	105	13094	0.42	ug/L	98
61) 1,2,3-Trichloropropane	10.835	75	2280	0.48	ug/L	92
62) 1,3,5-Trimethylbenzene	11.095	105	11277	0.43	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	10446	0.40	ug/L	97
64) 1,3-Dichlorobenzene	11.754	146	6729	0.45	ug/L	95
65) 1,4-Dichlorobenzene	11.848	146	6581	0.44	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	6478	0.46	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.012	75	386	0.31	ug/L	89
69) 1,3,5-Trichlorobenzene	13.230	180	5005	0.41	ug/L	98
70) 1,2,4-trichlorobenzene	13.851	180	3380	0.34	ug/L	95
71) Naphthalene	14.098	128	3804	0.23	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.343	180	2831	0.32	ug/L	93

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

