

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046523.D
 Acq On : 21 Dec 2021 12:18
 Operator : SY/MD
 Sample : VSTD00141
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001041

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

Quant Time: Dec 21 13:56:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 13:53:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	86352	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	84197	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41605	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	6458	0.951	ug/L	0.01
7) Chloroethane-d5	1.922	69	5121	1.036	ug/L	0.01
11) 1,1-Dichloroethene-d2	2.575	65	2657	0.944	ug/L	0.01
20) 2-Butanone-d5	4.671	46	18000	9.876	ug/L	0.02
24) Chloroform-d	5.070	84	11733	1.018	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	6729	1.002	ug/L	0.00
32) Benzene-d6	5.732	84	21787	0.940	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	6660	0.918	ug/L	0.00
41) Toluene-d8	7.899	98	19812	0.943	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3055	1.014	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	15800	10.912	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	6655	1.059	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	7311	1.013	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	10641	1.285	ug/L	98
3) Chloromethane	1.523	50	10709	1.298	ug/L	100
5) Vinyl chloride	1.607	62	9896	1.203	ug/L	98
6) Bromomethane	1.864	94	5998	1.227	ug/L	98
8) Chloroethane	1.941	64	6246	1.322	ug/L	98
9) Trichlorofluoromethane	2.147	101	12615	1.191	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	6150	1.025	ug/L	97
12) 1,1-Dichloroethene	2.588	96	6772	1.173	ug/L	82
13) Acetone	2.694	43	18419m	15.466	ug/L	
14) Carbon disulfide	2.800	76	21633	1.168	ug/L	99
15) Methyl Acetate	2.973	43	3195m	1.089	ug/L	
16) Methylene chloride	3.054	84	9024	1.079	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	19384	1.236	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	7058	1.130	ug/L	99
19) 1,1-Dichloroethane	3.877	63	13961	1.200	ug/L	97
21) 2-Butanone	4.745	43	25294	12.569	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	7958	1.178	ug/L	96
23) Bromochloromethane	4.983	128	3977	1.309	ug/L	86
25) Chloroform	5.096	83	14930	1.185	ug/L	95
27) 1,2-Dichloroethane	5.800	62	10668	1.286	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	12249	1.194	ug/L	97
30) Cyclohexane	5.395	56	9007	0.929	ug/L	97
31) Carbon tetrachloride	5.530	117	10242	1.196	ug/L	99
33) Benzene	5.780	78	29937	1.159	ug/L	100
34) Trichloroethene	6.546	95	8125	1.212	ug/L	93
35) Methylcyclohexane	6.768	83	9076	0.900	ug/L	97
37) 1,2-Dichloropropane	6.793	63	7642	1.126	ug/L #	97
38) Bromodichloromethane	7.108	83	10985	1.285	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	11111	1.137	ug/L	95
40) 4-Methyl-2-pentanone	7.796	43	57111	12.424	ug/L	99
42) Toluene	7.970	91	29615	1.116	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	10824	1.255	ug/L	98

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45) 1,1,2-Trichloroethane	8.404	97	7056	1.350	ug/L	94
47) Tetrachloroethene	8.555	164	5366	1.154	ug/L	96
48) 2-Hexanone	8.690	43	42978	12.984	ug/L	96
49) Dibromochloromethane	8.812	129	7795	1.311	ug/L	99
50) 1,2-Dibromoethane	8.928	107	6504	1.321	ug/L #	93
51) Chlorobenzene	9.449	112	19342	1.165	ug/L	97
52) Ethylbenzene	9.571	91	28533	1.033	ug/L	99
53) m,p-Xylene	9.697	106	10561	1.003	ug/L	95
54) o-Xylene	10.102	106	10042	0.981	ug/L	82
55) Styrene	10.115	104	17746	1.026	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	8618	1.293	ug/L	96
59) Bromoform	10.295	173	4293	1.322	ug/L	99
60) Isopropylbenzene	10.484	105	26181	0.991	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	6615	1.342	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	19876	0.913	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	19768	0.905	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	13438	1.085	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	13879	1.103	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	13413	1.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	1548	1.463	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	9750	1.047	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	7754	0.985	ug/L	97
71) Naphthalene	14.089	128	16744	0.998	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	8140	1.035	ug/L	100

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

