

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053031.D
 Acq On : 10 Feb 2023 11:46
 Operator : JC/MD
 Sample : VSTD00509
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005009

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 10 23:03:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:01:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	131159	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	118068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57324	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	29913	4.761	ug/L	0.00
7) Chloroethane-d5	1.913	69	28451	4.817	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.566	65	13094	4.543	ug/L	0.00
20) 2-Butanone-d5	4.643	46	97249	50.537	ug/L	0.00
24) Chloroform-d	5.058	84	69238	4.788	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	33773	4.636	ug/L	0.00
32) Benzene-d6	5.723	84	123534	4.656	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	42307	4.578	ug/L	0.00
41) Toluene-d8	7.894	98	108123	4.511	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	17212	4.601	ug/L	0.00
46) 2-Hexanone-d5	8.630	63	80927	48.726	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.752	84	38640	4.869	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	40963	4.783	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	48711	5.058	ug/L	100
3) Chloromethane	1.518	50	50683	5.051	ug/L	100
5) Vinyl chloride	1.601	62	58302	5.274	ug/L	100
6) Bromomethane	1.855	94	35264	5.130	ug/L	100
8) Chloroethane	1.933	64	32694	5.023	ug/L	100
9) Trichlorofluoromethane	2.138	101	78389	5.148	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	43253	5.159	ug/L	100
12) 1,1-Dichloroethene	2.579	96	39900	5.142	ug/L	100
13) Acetone	2.669	43	64840m	46.672	ug/L	
14) Carbon disulfide	2.791	76	122583	5.232	ug/L	100
15) Methyl Acetate	2.961	43	18464m	5.569	ug/L	
16) Methylene chloride	3.042	84	44299	4.935	ug/L	100
17) Methyl tert-butyl Ether	3.360	73	109218	5.184	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	40336	4.913	ug/L	100
19) 1,1-Dichloroethane	3.865	63	79655	5.151	ug/L	100
21) 2-Butanone	4.723	43	105130m	51.069	ug/L	
22) cis-1,2-Dichloroethene	4.662	96	46503	5.019	ug/L	100
23) Bromochloromethane	4.971	128	19733	5.377	ug/L	100
25) Chloroform	5.084	83	82614	5.111	ug/L	100
27) 1,2-Dichloroethane	5.791	62	51551	5.188	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	73300	5.197	ug/L	100
30) Cyclohexane	5.386	56	71671	5.082	ug/L	100
31) Carbon tetrachloride	5.521	117	61025	5.184	ug/L	100
33) Benzene	5.772	78	175627	5.162	ug/L	100
34) Trichloroethene	6.537	95	47438	4.955	ug/L	100
35) Methylcyclohexane	6.759	83	78377	5.057	ug/L	100
37) 1,2-Dichloropropane	6.788	63	47880	5.168	ug/L	100
38) Bromodichloromethane	7.103	83	60414	5.029	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	77343	5.234	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	250095	51.714	ug/L	100
42) Toluene	7.965	91	188337	5.096	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	62761	5.149	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.395	97	34193	5.123	ug/L	100
47) Tetrachloroethene	8.550	164	31937	5.132	ug/L	100
48) 2-Hexanone	8.682	43	182213	51.336	ug/L	100
49) Dibromochloromethane	8.807	129	37461	5.148	ug/L	100
50) 1,2-Dibromoethane	8.919	107	31958	5.189	ug/L	100
51) Chlorobenzene	9.444	112	118408	5.136	ug/L	100
52) Ethylbenzene	9.566	91	214741	5.120	ug/L	100
53) m,p-Xylene	9.691	106	81008	5.165	ug/L	100
54) o-Xylene	10.096	106	78774	5.182	ug/L	100
55) Styrene	10.109	104	130561	5.294	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	43231	5.119	ug/L	100
59) Bromoform	10.286	173	22083	5.300	ug/L	100
60) Isopropylbenzene	10.479	105	215069	5.186	ug/L	100
61) 1,2,3-Trichloropropane	10.816	75	28687	5.212	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	181061	5.170	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	181581	5.180	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	86785	5.167	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	85342	5.071	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	80669	5.151	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.993	75	7257	5.609	ug/L	100
69) 1,3,5-Trichlorobenzene	13.215	180	61553	5.145	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	52016	5.237	ug/L	100
71) Naphthalene	14.083	128	102104	5.126	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	45667	5.210	ug/L	100

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

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