

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058378.D
 Acq On : 04 Apr 2024 19:38
 Operator : MD/SY
 Sample : VSTD0.553
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5053

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 04 22:48:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	34847	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	2650	0.405	ug/L	0.00
7) Chloroethane-d5	1.908	69	2227	0.415	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	1152	0.421	ug/L	0.00
20) 2-Butanone-d5	4.663	46	5177	4.355	ug/L	0.03
24) Chloroform-d	5.059	84	5012	0.421	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.699	65	2392	0.433	ug/L	0.00
32) Benzene-d6	5.724	84	9510	0.394	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.686	67	3153	0.442	ug/L	0.00
41) Toluene-d8	7.895	98	8291	0.389	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.178	79	863	0.375	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	3459	3.714	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	2649m	0.564	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.194	152	3701	0.585	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3223	0.805	ug/L	100
3) Chloromethane	1.516	50	4325	0.862	ug/L	96
5) Vinyl chloride	1.599	62	4153	0.777	ug/L	96
6) Bromomethane	1.853	94	1896	0.692	ug/L	99
8) Chloroethane	1.930	64	2637	0.770	ug/L	96
9) Trichlorofluoromethane	2.133	101	5223	0.634	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3007	0.581	ug/L	99
12) 1,1-Dichloroethene	2.573	96	2803	0.638	ug/L	95
13) Acetone	2.651	43	5942	7.182	ug/L	96
14) Carbon disulfide	2.786	76	9278	0.862	ug/L	98
15) Methyl Acetate	2.959	43	1065m	0.605	ug/L	
16) Methylene chloride	3.036	84	4280	0.685	ug/L	97
17) Methyl tert-butyl Ether	3.355	73	6556	0.573	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	2771	0.599	ug/L	95
19) 1,1-Dichloroethane	3.863	63	6448	0.633	ug/L	97
21) 2-Butanone	4.747	43	7772m	6.203	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	3165	0.571	ug/L	95
23) Bromochloromethane	4.972	128	1223	0.588	ug/L	95
25) Chloroform	5.081	83	6060	0.575	ug/L	99
27) 1,2-Dichloroethane	5.792	62	3715	0.612	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	4842	0.578	ug/L	99
30) Cyclohexane	5.377	56	4847	0.627	ug/L	98
31) Carbon tetrachloride	5.519	117	3934	0.548	ug/L	95
33) Benzene	5.769	78	13405	0.621	ug/L	100
34) Trichloroethene	6.538	95	3364	0.602	ug/L	95
35) Methylcyclohexane	6.756	83	4456	0.554	ug/L	99
37) 1,2-Dichloropropane	6.789	63	3418	0.571	ug/L #	90
38) Bromodichloromethane	7.101	83	3759	0.551	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	3920	0.520	ug/L	100
40) 4-Methyl-2-pentanone	7.789	43	15719	5.273	ug/L	99
42) Toluene	7.965	91	14278	0.626	ug/L	96
44) trans-1,3-Dichloropropene	8.210	75	3182	0.537	ug/L	92

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45) 1,1,2-Trichloroethane	8.396	97	1952	0.526	ug/L	95
47) Tetrachloroethene	8.547	164	2513	0.659	ug/L	90
48) 2-Hexanone	8.686	43	11318	5.198	ug/L	99
49) Dibromochloromethane	8.805	129	2206	0.539	ug/L	93
50) 1,2-Dibromoethane	8.920	107	1822	0.570	ug/L #	97
51) Chlorobenzene	9.441	112	8405	0.581	ug/L	93
52) Ethylbenzene	9.567	91	13666	0.542	ug/L	99
53) m,p-Xylene	9.689	106	4736	0.524	ug/L	90
54) o-Xylene	10.097	106	4560	0.505	ug/L	96
55) Styrene	10.113	104	7039	0.492	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	2478	0.566	ug/L	99
59) Bromoform	10.287	173	1054	0.540	ug/L #	89
60) Isopropylbenzene	10.477	105	11512	0.521	ug/L	99
61) 1,2,3-Trichloropropane	10.821	75	1808	0.586	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	9090	0.493	ug/L	98
63) 1,2,4-Trimethylbenzene	11.464	105	8997	0.487	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	6601	0.641	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	6294	0.633	ug/L	97
67) 1,2-Dichlorobenzene	12.210	146	5984	0.630	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	241	0.520	ug/L	90
69) 1,3,5-Trichlorobenzene	13.219	180	4637	0.636	ug/L	98
70) 1,2,4-trichlorobenzene	13.840	180	4155	0.774	ug/L	98
71) Naphthalene	14.091	128	6588	0.919	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.329	180	3469	0.789	ug/L	98

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

