

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082224\
 Data File : VU060502.D
 Acq On : 22 Aug 2024 14:14
 Operator : MD/SY
 Sample : VSTD00107
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001007

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

Quant Time: Aug 23 06:33:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:32:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	76357	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	80761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37857	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	3057	0.564	ug/L	0.00
7) Chloroethane-d5	1.911	69	4581	0.879	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	2394	1.002	ug/L	0.00
20) 2-Butanone-d5	4.653	46	10685m	8.459	ug/L	0.02
24) Chloroform-d	5.055	84	9086	0.797	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	5211	0.955	ug/L	0.00
32) Benzene-d6	5.724	84	15177	0.658	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	5349	0.740	ug/L	0.00
41) Toluene-d8	7.894	98	14111	0.689	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	1667	0.710	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	6303	6.087	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	4349	0.737	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5100	0.803	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	8864	1.735	ug/L	100
3) Chloromethane	1.518	50	7386	1.323	ug/L	97
5) Vinyl chloride	1.602	62	6782	1.091	ug/L	91
6) Bromomethane	1.853	94	6411	1.364	ug/L	100
8) Chloroethane	1.930	64	6803	1.505	ug/L	96
9) Trichlorofluoromethane	2.136	101	16392	1.729	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	8757	1.554	ug/L	96
12) 1,1-Dichloroethene	2.573	96	7653	1.508	ug/L	94
13) Acetone	2.653	43	12536	14.421	ug/L	100
14) Carbon disulfide	2.788	76	27584	1.982	ug/L	98
15) Methyl Acetate	2.962	43	3024	1.594	ug/L	95
16) Methylene chloride	3.039	84	8629	1.197	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	11834	0.982	ug/L	93
18) trans-1,2-Dichloroethene	3.351	96	5530	1.106	ug/L	82
19) 1,1-Dichloroethane	3.862	63	11077	1.054	ug/L	99
21) 2-Butanone	4.730	43	14254m	10.761	ug/L	
22) cis-1,2-Dichloroethene	4.660	96	5623	0.940	ug/L	97
23) Bromochloromethane	4.972	128	2729	0.995	ug/L	92
25) Chloroform	5.084	83	11744	1.044	ug/L	97
27) 1,2-Dichloroethane	5.791	62	8216	1.305	ug/L #	93
29) 1,1,1-Trichloroethane	5.312	97	10609	1.141	ug/L	94
30) Cyclohexane	5.383	56	7694	1.000	ug/L	95
31) Carbon tetrachloride	5.515	117	9024	1.100	ug/L	96
33) Benzene	5.769	78	21980	0.931	ug/L	100
34) Trichloroethene	6.541	95	6105	0.979	ug/L	93
35) Methylcyclohexane	6.759	83	8375	1.008	ug/L	98
37) 1,2-Dichloropropane	6.785	63	5918	0.916	ug/L #	94
38) Bromodichloromethane	7.100	83	8282	1.036	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	8262	0.940	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	30650	9.973	ug/L	95
42) Toluene	7.965	91	22873	0.915	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	7055	0.965	ug/L	94

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45) 1,1,2-Trichloroethane	8.396	97	4648	0.962	ug/L	98
47) Tetrachloroethene	8.550	164	5470	1.111	ug/L	89
48) 2-Hexanone	8.685	43	22198m	9.628	ug/L	
49) Dibromochloromethane	8.804	129	5282	1.022	ug/L	91
50) 1,2-Dibromoethane	8.920	107	3872	0.899	ug/L #	96
51) Chlorobenzene	9.441	112	16857	1.005	ug/L	97
52) Ethylbenzene	9.566	91	23818	0.899	ug/L	92
53) m,p-Xylene	9.692	106	8107	0.809	ug/L	99
54) o-Xylene	10.097	106	7849	0.821	ug/L	97
55) Styrene	10.110	104	13332	0.808	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	5450	0.914	ug/L	91
59) Bromoform	10.283	173	2844	1.034	ug/L	99
60) Isopropylbenzene	10.479	105	21415	0.976	ug/L	97
61) 1,2,3-Trichloropropane	10.817	75	3589	1.035	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	16099	0.952	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	15979	0.914	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	11192	0.949	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	11561	0.978	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	11213	1.074	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	783	1.194	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.216	180	8998	1.071	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	5854	0.892	ug/L	94
71) Naphthalene	14.093	128	6428m	0.699	ug/L	
72) 1,2,3-Trichlorobenzene	14.325	180	4867	0.832	ug/L	96

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

