

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059846.D
 Acq On : 05 Jul 2024 08:26
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

Quant Time: Jul 06 02:58:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 04:26:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	169210	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	171693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89131	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54465	4.629	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.907	69	46708	4.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.560	65	20619	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.618	46	108067	44.589	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.180%
24) Chloroform-d	5.055	84	105349	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	48587	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.721	84	209647	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.685	67	64789	4.475	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.891	98	198751	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.174	79	24233	5.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.627	63	93466	49.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.220%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54314	4.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	70131	4.421	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	65454	4.565	ug/L	98
3) Chloromethane	1.515	50	73393	4.756	ug/L	99
5) Vinyl chloride	1.599	62	82698	4.851	ug/L	99
6) Bromomethane	1.853	94	50473	4.258	ug/L	94
8) Chloroethane	1.927	64	51361	5.000	ug/L	98
9) Trichlorofluoromethane	2.132	101	103442	5.041	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	65683	5.056	ug/L	95
12) 1,1-Dichloroethene	2.573	96	59484	4.957	ug/L	84
13) Acetone	2.628	43	77406	49.235	ug/L	91
14) Carbon disulfide	2.788	76	187559	4.684	ug/L	100
15) Methyl Acetate	2.946	43	19455	4.689	ug/L #	83
16) Methylene chloride	3.039	84	71454	5.025	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	127956	4.948	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	63644	5.099	ug/L	90
19) 1,1-Dichloroethane	3.859	63	116018	5.041	ug/L	97
21) 2-Butanone	4.698	43	123498	48.974	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	71339	5.186	ug/L	92
23) Bromochloromethane	4.968	128	33209	5.295	ug/L	85
25) Chloroform	5.081	83	123564	5.097	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70568	4.804	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	100019	5.045	ug/L	99
30) Cyclohexane	5.380	56	87382	4.992	ug/L	95
31) Carbon tetrachloride	5.518	117	85179	5.131	ug/L	99
33) Benzene	5.766	78	273480	5.245	ug/L	100
34) Trichloroethene	6.537	95	70929	5.023	ug/L	99
35) Methylcyclohexane	6.756	83	97368	4.846	ug/L	96
37) 1,2-Dichloropropane	6.785	63	70676	5.238	ug/L	100
38) Bromodichloromethane	7.097	83	87002	5.166	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	95436	5.172	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	310971	49.738	ug/L #	94
42) Toluene	7.962	91	295663	5.356	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	79476	5.366	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	52928	5.323	ug/L	97
47) Tetrachloroethene	8.547	164	59017	5.386	ug/L	93
48) 2-Hexanone	8.679	43	227278	50.935	ug/L #	93
49) Dibromochloromethane	8.804	129	58202	5.284	ug/L	97
50) 1,2-Dibromoethane	8.917	107	48047	5.233	ug/L	98
51) Chlorobenzene	9.441	112	182581	5.215	ug/L	96
52) Ethylbenzene	9.566	91	293750	5.188	ug/L	98
53) m,p-Xylene	9.688	106	113549	5.221	ug/L	99
54) o-Xylene	10.094	106	108041	5.235	ug/L	97
55) Styrene	10.110	104	190709	5.428	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	62018	5.142	ug/L	98
59) Bromoform	10.283	173	34772	5.098	ug/L #	97
60) Isopropylbenzene	10.479	105	286640	5.206	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	42184	5.121	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	218985	5.020	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	216891	5.201	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	147740	5.276	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	147304	5.110	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	135154	5.129	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8530	5.309	ug/L	87
69) 1,3,5-Trichlorobenzene	13.216	180	108022	5.211	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	81791	5.143	ug/L	97
71) Naphthalene	14.084	128	107335	4.716	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	75637	5.123	ug/L	97

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

