

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059822.D
 Acq On : 04 Jul 2024 01:17
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005135

Quant Time: Jul 04 02:15:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	225043	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	223895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116311	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	68638	4.386	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.907	69	58426	3.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.560	65	27081	4.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.621	46	147455	45.746	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.500%
24) Chloroform-d	5.055	84	132468	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.695	65	63715	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.718	84	269368	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	80661	4.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	256529	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	29365	4.967	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.624	63	129850	52.856	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	66192	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	93898	4.536	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	75099	3.938	ug/L	99
3) Chloromethane	1.515	50	84973	4.140	ug/L	100
5) Vinyl chloride	1.599	62	110043	4.854	ug/L	98
6) Bromomethane	1.853	94	55765	3.537	ug/L	95
8) Chloroethane	1.930	64	59795	4.377	ug/L	97
9) Trichlorofluoromethane	2.132	101	123027	4.508	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	74599	4.318	ug/L	92
12) 1,1-Dichloroethene	2.573	96	73096	4.580	ug/L	86
13) Acetone	2.634	43	89433	42.772	ug/L	95
14) Carbon disulfide	2.788	76	218411	4.102	ug/L	100
15) Methyl Acetate	2.949	43	25426	4.608	ug/L	92
16) Methylene chloride	3.039	84	81937	4.332	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	173336	5.040	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	75979	4.577	ug/L	91
19) 1,1-Dichloroethane	3.859	63	140572	4.592	ug/L	99
21) 2-Butanone	4.701	43	165587	49.374	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	90400	4.941	ug/L	93
23) Bromochloromethane	4.965	128	39296	4.711	ug/L	86
25) Chloroform	5.081	83	147747	4.583	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	87511	4.479	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	121436	4.697	ug/L	97
30) Cyclohexane	5.380	56	117898	5.165	ug/L	94
31) Carbon tetrachloride	5.515	117	101562	4.692	ug/L	99
33) Benzene	5.766	78	329111	4.840	ug/L	100
34) Trichloroethene	6.534	95	87018	4.726	ug/L	96
35) Methylcyclohexane	6.756	83	125959	4.808	ug/L	94
37) 1,2-Dichloropropane	6.782	63	84328	4.793	ug/L #	98
38) Bromodichloromethane	7.097	83	103098	4.694	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	112273	4.666	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	408358	50.086	ug/L	96
42) Toluene	7.962	91	367193	5.101	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	92450	4.787	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	61365	4.733	ug/L	99
47) Tetrachloroethene	8.547	164	70503	4.934	ug/L	96
48) 2-Hexanone	8.676	43	293657	50.467	ug/L #	94
49) Dibromochloromethane	8.804	129	67262	4.683	ug/L	96
50) 1,2-Dibromoethane	8.917	107	57586	4.809	ug/L	98
51) Chlorobenzene	9.441	112	227083	4.974	ug/L	94
52) Ethylbenzene	9.563	91	417461	5.653	ug/L	97
53) m,p-Xylene	9.688	106	147766	5.210	ug/L	95
54) o-Xylene	10.094	106	140445	5.218	ug/L	95
55) Styrene	10.110	104	235535	5.141	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	74306	4.724	ug/L	99
59) Bromoform	10.283	173	42994	4.830	ug/L #	98
60) Isopropylbenzene	10.476	105	371831	5.175	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	50603	4.708	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	297851	5.233	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	294489	5.411	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	185237	5.069	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	179684	4.777	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	172101	5.004	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	10857	5.179	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	138785	5.130	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	116689	5.623	ug/L	97
71) Naphthalene	14.081	128	249990	8.417	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	104808	5.440	ug/L	98

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

