

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059613.D
 Acq On : 28 Jun 2024 11:48
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005125

Quant Time: Jun 28 23:15:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 02:08:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162769	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87195	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41458	3.663	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.907	69	43795	4.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.560	65	17623	3.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.624	46	112048	48.061	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.120%
24) Chloroform-d	5.055	84	104996	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.695	65	48740	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.721	84	204786	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	62241	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.894	98	194259	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.174	79	21345	4.955	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.627	63	97602	54.527	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53014	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	72169	4.650	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	63635	4.614	ug/L	98
3) Chloromethane	1.518	50	67481	4.546	ug/L	100
5) Vinyl chloride	1.599	62	76619	4.673	ug/L	98
6) Bromomethane	1.853	94	43115	3.781	ug/L	95
8) Chloroethane	1.930	64	48558	4.915	ug/L	100
9) Trichlorofluoromethane	2.132	101	98144	4.972	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61649	4.934	ug/L	95
12) 1,1-Dichloroethene	2.573	96	55424	4.801	ug/L	87
13) Acetone	2.634	43	74001	48.932	ug/L	98
14) Carbon disulfide	2.788	76	178900	4.645	ug/L	99
15) Methyl Acetate	2.952	43	19508	4.888	ug/L	91
16) Methylene chloride	3.036	84	70835	5.178	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	123104	4.949	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	58309	4.857	ug/L	90
19) 1,1-Dichloroethane	3.859	63	105995	4.788	ug/L	98
21) 2-Butanone	4.701	43	121942	50.271	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	65499	4.950	ug/L	96
23) Bromochloromethane	4.968	128	30016	4.975	ug/L	89
25) Chloroform	5.081	83	114903	4.928	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68067	4.817	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	95038	5.045	ug/L	97
30) Cyclohexane	5.380	56	83281	5.007	ug/L	94
31) Carbon tetrachloride	5.518	117	80026	5.073	ug/L	98
33) Benzene	5.766	78	253311	5.113	ug/L	100
34) Trichloroethene	6.537	95	66092	4.926	ug/L	96
35) Methylcyclohexane	6.756	83	96754	5.068	ug/L	93
37) 1,2-Dichloropropane	6.782	63	65551	5.113	ug/L #	98
38) Bromodichloromethane	7.100	83	80895	5.055	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	90665	5.171	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	303850	51.148	ug/L #	95
42) Toluene	7.965	91	275920	5.261	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	74722	5.310	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	48781	5.164	ug/L	98
47) Tetrachloroethene	8.547	164	53201	5.110	ug/L	99
48) 2-Hexanone	8.679	43	222294	52.432	ug/L #	93
49) Dibromochloromethane	8.804	129	53387	5.101	ug/L	96
50) 1,2-Dibromoethane	8.917	107	46082	5.282	ug/L	98
51) Chlorobenzene	9.441	112	172542	5.187	ug/L	96
52) Ethylbenzene	9.563	91	279736	5.199	ug/L	98
53) m,p-Xylene	9.688	106	109336	5.291	ug/L	98
54) o-Xylene	10.093	106	103885	5.297	ug/L	92
55) Styrene	10.110	104	182454	5.465	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	59284	5.173	ug/L	99
59) Bromoform	10.283	173	32890	4.929	ug/L #	96
60) Isopropylbenzene	10.479	105	274978	5.105	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	39739	4.932	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	213259	4.998	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	211005	5.172	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	139469	5.091	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	141461	5.017	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	130234	5.052	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	8230	5.236	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.212	180	104644	5.160	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	84742	5.447	ug/L	99
71) Naphthalene	14.080	128	116676	5.240	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	77556	5.369	ug/L	99

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

