

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062224\
 Data File : VU059432.D
 Acq On : 22 Jun 2024 01:24
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005118

Quant Time: Jun 22 01:53:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 22 01:35:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147724	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81222	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42108	4.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.907	69	43950	4.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.560	65	17074	4.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.621	46	128045	60.516	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.040%
24) Chloroform-d	5.055	84	100237	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.695	65	50581	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.721	84	189458	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.685	67	61314	4.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.894	98	170225	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.174	79	17619	4.316	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.627	63	101236	59.684	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.360%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56547	5.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	66778	4.619	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	63714	5.090	ug/L	99
3) Chloromethane	1.515	50	71790	5.329	ug/L	98
5) Vinyl chloride	1.599	62	80352	5.399	ug/L	96
6) Bromomethane	1.853	94	50446	4.875	ug/L	98
8) Chloroethane	1.927	64	48579	5.417	ug/L	97
9) Trichlorofluoromethane	2.132	101	94157	5.256	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56679	4.998	ug/L	96
12) 1,1-Dichloroethene	2.573	96	56033	5.348	ug/L	80
13) Acetone	2.631	43	78741	57.369	ug/L	96
14) Carbon disulfide	2.785	76	176619	5.053	ug/L	99
15) Methyl Acetate	2.949	43	22938	6.333	ug/L	98
16) Methylene chloride	3.036	84	69455	5.594	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	129187	5.722	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	58238	5.345	ug/L	92
19) 1,1-Dichloroethane	3.859	63	108593	5.405	ug/L	96
21) 2-Butanone	4.701	43	133804	60.779	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	64087	5.336	ug/L	94
23) Bromochloromethane	4.968	128	30525	5.575	ug/L	89
25) Chloroform	5.081	83	114048	5.389	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70674	5.511	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	91503	5.126	ug/L	99
30) Cyclohexane	5.380	56	79920	5.071	ug/L	94
31) Carbon tetrachloride	5.518	117	77362	5.176	ug/L	99
33) Benzene	5.766	78	250964	5.346	ug/L	100
34) Trichloroethene	6.537	95	66084	5.198	ug/L	96
35) Methylcyclohexane	6.756	83	89182	4.930	ug/L	96
37) 1,2-Dichloropropane	6.782	63	65005	5.351	ug/L	98
38) Bromodichloromethane	7.100	83	79537	5.245	ug/L	92
39) cis-1,3-Dichloropropene	7.602	75	82093	4.941	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	339337	60.280	ug/L	96
42) Toluene	7.965	91	270290	5.438	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	68346	5.125	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	51484	5.751	ug/L	98
47) Tetrachloroethene	8.547	164	52664	5.338	ug/L	92
48) 2-Hexanone	8.679	43	247900	61.704	ug/L	94
49) Dibromochloromethane	8.804	129	54602	5.506	ug/L	95
50) 1,2-Dibromoethane	8.920	107	47731	5.773	ug/L	99
51) Chlorobenzene	9.441	112	168712	5.352	ug/L	94
52) Ethylbenzene	9.566	91	274290	5.380	ug/L	99
53) m,p-Xylene	9.688	106	103930	5.308	ug/L	99
54) o-Xylene	10.097	106	101792	5.478	ug/L	96
55) Styrene	10.110	104	178518	5.643	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	60533	5.574	ug/L	98
59) Bromoform	10.286	173	34256	5.511	ug/L	98
60) Isopropylbenzene	10.479	105	263182	5.245	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	41930	5.586	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	204455	5.144	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	204876	5.391	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	133181	5.219	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	133616	5.087	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	126637	5.273	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8952	6.115	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	95825	5.073	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	76157	5.256	ug/L	99
71) Naphthalene	14.084	128	109860	5.297	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	72462	5.385	ug/L	97

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

