

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082824\
 Data File : VU060561.D
 Acq On : 28 Aug 2024 17:35
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005181

Quant Time: Aug 29 05:48:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 05:46:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28687	3.695	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.907	69	31459	2.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	53.400%#
11) 1,1-Dichloroethene-d2	2.557	65	13752	3.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	4.634	46	132501	49.630	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.260%
24) Chloroform-d	5.055	84	93954	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.698	65	47167	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.721	84	164335	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.682	67	55857	4.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.894	98	147469	4.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.177	79	19590	4.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.627	63	104631	49.086	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54427	4.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	59478	4.499	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	86186	4.321	ug/L	99
3) Chloromethane	1.515	50	85092	4.923	ug/L	100
5) Vinyl chloride	1.599	62	87023	5.114	ug/L	96
6) Bromomethane	1.853	94	54907	3.206	ug/L	96
8) Chloroethane	1.930	64	49865	3.211	ug/L	99
9) Trichlorofluoromethane	2.132	101	121487	3.284	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	65678	4.196	ug/L	97
12) 1,1-Dichloroethene	2.573	96	63774	4.427	ug/L	83
13) Acetone	2.647	43	93894	42.030	ug/L	95
14) Carbon disulfide	2.785	76	198876	4.254	ug/L	99
15) Methyl Acetate	2.959	43	21566	4.721	ug/L	96
16) Methylene chloride	3.039	84	71192	5.088	ug/L	82
17) Methyl tert-butyl Ether	3.357	73	144220	4.933	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	63475	5.061	ug/L	93
19) 1,1-Dichloroethane	3.859	63	118683	4.670	ug/L	94
21) 2-Butanone	4.711	43	155564	50.920	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	70587	5.051	ug/L	94
23) Bromochloromethane	4.965	128	34444	5.423	ug/L	93
25) Chloroform	5.081	83	125980	4.684	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	75819	4.200	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	109619	4.539	ug/L	96
30) Cyclohexane	5.380	56	88019	4.402	ug/L	96
31) Carbon tetrachloride	5.518	117	99563	4.460	ug/L	97
33) Benzene	5.766	78	272840	4.878	ug/L	100
34) Trichloroethene	6.537	95	76134	5.022	ug/L	98
35) Methylcyclohexane	6.756	83	98282	4.725	ug/L	95
37) 1,2-Dichloropropane	6.785	63	72169	5.036	ug/L	99
38) Bromodichloromethane	7.100	83	88976	4.725	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	98923	4.708	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	370029	49.577	ug/L	95
42) Toluene	7.965	91	294705	4.986	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	83041	4.814	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	55766	5.372	ug/L	94
47) Tetrachloroethene	8.547	164	59037	4.751	ug/L	97
48) 2-Hexanone	8.679	43	276980	49.587	ug/L	96
49) Dibromochloromethane	8.804	129	63665	5.297	ug/L	100
50) 1,2-Dibromoethane	8.920	107	52086	5.465	ug/L	97
51) Chlorobenzene	9.441	112	186542	4.876	ug/L	98
52) Ethylbenzene	9.566	91	289316	4.619	ug/L	99
53) m,p-Xylene	9.688	106	115306	4.952	ug/L	100
54) o-Xylene	10.094	106	109504	4.594	ug/L	95
55) Styrene	10.110	104	192243	4.922	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	64596	4.873	ug/L	92
59) Bromoform	10.283	173	38700	5.252	ug/L	98
60) Isopropylbenzene	10.479	105	289821	4.838	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	47296	5.468	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	218225	4.888	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	221034	4.853	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	145830	4.974	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	141719	4.764	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	136413	4.960	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	9629	4.932	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.212	180	102552	4.536	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	78265	4.291	ug/L	97
71) Naphthalene	14.081	128	109343	4.693	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	73696	4.828	ug/L	99

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

