

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071024\
 Data File : VU059893.D
 Acq On : 10 Jul 2024 11:45
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: Jul 11 01:54:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 11 01:53:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	150814	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	152786	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82998	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51504	4.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.907	69	41418	4.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.560	65	20158	4.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.628	46	97247	45.019	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.040%
24) Chloroform-d	5.055	84	90834	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.698	65	42813	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.721	84	180453	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.685	67	55597	4.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.894	98	172713	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.177	79	20137	4.991	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.627	63	82644	49.298	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	47426	4.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	62719	4.246	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	58870	4.607	ug/L	96
3) Chloromethane	1.515	50	66172	4.811	ug/L	100
5) Vinyl chloride	1.599	62	76436	5.031	ug/L	99
6) Bromomethane	1.853	94	42751	4.047	ug/L	95
8) Chloroethane	1.930	64	49287	5.384	ug/L	96
9) Trichlorofluoromethane	2.132	101	97580	5.335	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63654	5.498	ug/L	94
12) 1,1-Dichloroethene	2.573	96	57170	5.345	ug/L	84
13) Acetone	2.640	43	90747	64.761	ug/L	92
14) Carbon disulfide	2.788	76	170051	4.765	ug/L	99
15) Methyl Acetate	2.949	43	20693	5.596	ug/L #	85
16) Methylene chloride	3.039	84	69784	5.506	ug/L	91
17) Methyl tert-butyl Ether	3.357	73	129706	5.627	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	60235	5.415	ug/L	89
19) 1,1-Dichloroethane	3.859	63	111100	5.416	ug/L	99
21) 2-Butanone	4.708	43	139876	62.235	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	66228	5.401	ug/L	96
23) Bromochloromethane	4.968	128	32714	5.852	ug/L #	85
25) Chloroform	5.081	83	117482	5.438	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	69966	5.344	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	97968	5.553	ug/L	96
30) Cyclohexane	5.383	56	78194	5.020	ug/L	92
31) Carbon tetrachloride	5.518	117	80898	5.476	ug/L	98
33) Benzene	5.769	78	257038	5.540	ug/L	100
34) Trichloroethene	6.537	95	66957	5.329	ug/L	98
35) Methylcyclohexane	6.759	83	91634	5.125	ug/L	96
37) 1,2-Dichloropropane	6.785	63	68533	5.708	ug/L #	98
38) Bromodichloromethane	7.100	83	83929	5.600	ug/L #	95
39) cis-1,3-Dichloropropene	7.602	75	91854	5.594	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	333948	60.023	ug/L #	94
42) Toluene	7.965	91	281189	5.724	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	77009	5.843	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	53675	6.067	ug/L	98
47) Tetrachloroethene	8.550	164	55674	5.710	ug/L	93
48) 2-Hexanone	8.679	43	252168	63.507	ug/L #	92
49) Dibromochloromethane	8.804	129	58522	5.971	ug/L	96
50) 1,2-Dibromoethane	8.920	107	49201	6.021	ug/L	99
51) Chlorobenzene	9.444	112	175765	5.642	ug/L	95
52) Ethylbenzene	9.566	91	277182	5.501	ug/L	97
53) m,p-Xylene	9.692	106	109199	5.643	ug/L	98
54) o-Xylene	10.097	106	105907	5.766	ug/L	94
55) Styrene	10.110	104	184937	5.915	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	65647	6.116	ug/L	100
59) Bromoform	10.286	173	37114	5.843	ug/L #	97
60) Isopropylbenzene	10.479	105	273414	5.333	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	44579	5.812	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	211466	5.206	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	205331	5.287	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	145693	5.587	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	146514	5.458	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	135285	5.513	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.991	75	8613	5.757	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.216	180	107804	5.585	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	83898	5.666	ug/L	98
71) Naphthalene	14.084	128	112857	5.325	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	77312	5.623	ug/L	99

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

