

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060149.D
 Acq On : 24 Jul 2024 12:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005156

Quant Time: Jul 25 05:09:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80978	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	63189	5.603	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.000%
7) Chloroethane-d5	1.911	69	55032	5.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.560	65	24290	5.516	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.400%
20) 2-Butanone-d5	4.631	46	155679	59.041	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.080%
24) Chloroform-d	5.055	84	120895	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.695	65	56907	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.721	84	239649	5.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	6.685	67	78197	5.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.200%
41) Toluene-d8	7.891	98	224867	5.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
43) trans-1,3-Dichloroprop...	8.177	79	25203	5.308	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.627	63	123336	58.535	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	65552	5.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	73450	5.025	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	48928	3.992	ug/L	97
3) Chloromethane	1.518	50	63611	4.297	ug/L	99
5) Vinyl chloride	1.602	62	71291	4.295	ug/L	97
6) Bromomethane	1.853	94	43775	4.051	ug/L	99
8) Chloroethane	1.930	64	45442	4.192	ug/L	99
9) Trichlorofluoromethane	2.132	101	85406	4.080	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	55526	4.065	ug/L	97
12) 1,1-Dichloroethene	2.573	96	51143	4.133	ug/L	88
13) Acetone	2.647	43	87591	50.217	ug/L	92
14) Carbon disulfide	2.788	76	145814	4.047	ug/L	98
15) Methyl Acetate	2.956	43	23548	5.489	ug/L #	89
16) Methylene chloride	3.039	84	65069	4.289	ug/L	92
17) Methyl tert-butyl Ether	3.358	73	130087	4.610	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	53200	4.134	ug/L	92
19) 1,1-Dichloroethane	3.862	63	112536	4.605	ug/L	99
21) 2-Butanone	4.711	43	147053	53.257	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	63502	4.405	ug/L	94
23) Bromochloromethane	4.968	128	29749	4.246	ug/L	87
25) Chloroform	5.081	83	114958	4.278	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70999	4.622	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	88704	4.347	ug/L	96
30) Cyclohexane	5.383	56	77317	4.790	ug/L	93
31) Carbon tetrachloride	5.518	117	74884	4.253	ug/L	98
33) Benzene	5.769	78	248276	4.600	ug/L	100
34) Trichloroethene	6.537	95	62781	4.386	ug/L	95
35) Methylcyclohexane	6.756	83	83327	4.441	ug/L	94
37) 1,2-Dichloropropane	6.785	63	68335	4.686	ug/L	99
38) Bromodichloromethane	7.100	83	81774	4.476	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	90644	4.757	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	368599	57.126	ug/L	96
42) Toluene	7.965	91	266306	4.636	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	75380	4.736	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	50924	4.570	ug/L	99
47) Tetrachloroethene	8.547	164	47868	4.044	ug/L	97
48) 2-Hexanone	8.679	43	265884	56.279	ug/L	96
49) Dibromochloromethane	8.804	129	53274	4.322	ug/L	95
50) 1,2-Dibromoethane	8.917	107	46076	4.574	ug/L	93
51) Chlorobenzene	9.441	112	165271	4.404	ug/L	97
52) Ethylbenzene	9.566	91	268353	4.685	ug/L	98
53) m,p-Xylene	9.688	106	102144	4.616	ug/L	99
54) o-Xylene	10.094	106	97316	4.598	ug/L	91
55) Styrene	10.110	104	174229	4.837	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	63851	4.684	ug/L	96
59) Bromoform	10.287	173	32818	4.459	ug/L	99
60) Isopropylbenzene	10.479	105	259938	4.907	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	43278	5.069	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	199297	4.925	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	194135	4.965	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	129056	4.528	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	127681	4.401	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	123401	4.524	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	9081	5.457	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.212	180	90447	4.205	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	69900	4.270	ug/L	97
71) Naphthalene	14.084	128	102716	4.428	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	64453	4.378	ug/L	98

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

