

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060105.D
 Acq On : 23 Jul 2024 10:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005153

Quant Time: Jul 24 04:16:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 23 07:21:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	156949	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	161544	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57298	5.247	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.911	69	49963	4.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.560	65	22288	5.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.600%
20) 2-Butanone-d5	4.627	46	118394	46.374	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.740%
24) Chloroform-d	5.055	84	108333	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	49599	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.721	84	214786	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.685	67	64324	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.894	98	204034	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	8.177	79	22946	4.888	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.631	63	97126	46.621	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58021	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	72563	4.821	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	50289	4.237	ug/L	97
3) Chloromethane	1.515	50	57100	3.983	ug/L	98
5) Vinyl chloride	1.602	62	68289	4.249	ug/L	99
6) Bromomethane	1.853	94	45568	4.356	ug/L	100
8) Chloroethane	1.930	64	44598	4.249	ug/L	99
9) Trichlorofluoromethane	2.132	101	91574	4.519	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58892	4.453	ug/L	98
12) 1,1-Dichloroethene	2.573	96	52231	4.360	ug/L	98
13) Acetone	2.644	43	85253	50.481	ug/L	96
14) Carbon disulfide	2.788	76	142518	4.086	ug/L	100
15) Methyl Acetate	2.956	43	20587	4.956	ug/L	97
16) Methylene chloride	3.039	84	63000	4.289	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	123717	4.529	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	54219	4.351	ug/L	95
19) 1,1-Dichloroethane	3.859	63	105768	4.470	ug/L	100
21) 2-Butanone	4.708	43	132722	49.645	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	63511	4.550	ug/L	99
23) Bromochloromethane	4.968	128	32073	4.728	ug/L	98
25) Chloroform	5.081	83	113436	4.360	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	66073	4.442	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	90115	4.466	ug/L	99
30) Cyclohexane	5.383	56	68835	4.313	ug/L	98
31) Carbon tetrachloride	5.518	117	76785	4.411	ug/L	99
33) Benzene	5.766	78	242681	4.547	ug/L	100
34) Trichloroethene	6.537	95	63291	4.472	ug/L	98
35) Methylcyclohexane	6.756	83	82778	4.462	ug/L	98
37) 1,2-Dichloropropane	6.785	63	64563	4.478	ug/L	100
38) Bromodichloromethane	7.100	83	79414	4.397	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	85826	4.555	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	314041	49.225	ug/L	97
42) Toluene	7.965	91	265431	4.674	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	70888	4.504	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	51955	4.716	ug/L	97
47) Tetrachloroethene	8.547	164	53755	4.593	ug/L	98
48) 2-Hexanone	8.679	43	248070	53.107	ug/L	99
49) Dibromochloromethane	8.804	129	57191	4.693	ug/L	97
50) 1,2-Dibromoethane	8.920	107	47556	4.774	ug/L	99
51) Chlorobenzene	9.444	112	167319	4.510	ug/L	99
52) Ethylbenzene	9.566	91	257627	4.549	ug/L	99
53) m,p-Xylene	9.688	106	102877	4.702	ug/L	96
54) o-Xylene	10.097	106	97856	4.677	ug/L	94
55) Styrene	10.110	104	171084	4.804	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	63717	4.728	ug/L	95
59) Bromoform	10.286	173	37100	4.895	ug/L	99
60) Isopropylbenzene	10.479	105	260160	4.770	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	41989	4.776	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	195458	4.690	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	189548	4.707	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	137764	4.694	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	137068	4.588	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	131080	4.666	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	9100	5.311	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	101597	4.587	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	78984	4.685	ug/L	98
71) Naphthalene	14.084	128	114258	4.784	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	74071	4.886	ug/L	98

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

