

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
 Data File : VU060263.D
 Acq On : 29 Jul 2024 20:02
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005161

Quant Time: Jul 30 04:26:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 30 04:21:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	127963	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68668	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	47413	5.325	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.600%
7) Chloroethane-d5	1.907	69	40803	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.560	65	17954	5.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	4.624	46	102123	49.062	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.120%
24) Chloroform-d	5.055	84	87630	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	41377	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.721	84	169686	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.682	67	55321	4.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	158307	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.174	79	19418	4.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.627	63	76012	43.538	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.080%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47280	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	53181	4.291	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	41921	4.332	ug/L	100
3) Chloromethane	1.518	50	56371	4.823	ug/L	98
5) Vinyl chloride	1.602	62	63813	4.870	ug/L	100
6) Bromomethane	1.853	94	38020	4.457	ug/L	96
8) Chloroethane	1.930	64	41614	4.862	ug/L	99
9) Trichlorofluoromethane	2.133	101	80718	4.885	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	52252	4.846	ug/L	96
12) 1,1-Dichloroethene	2.573	96	47040	4.816	ug/L	97
13) Acetone	2.637	43	82042	59.584	ug/L	96
14) Carbon disulfide	2.788	76	128391	4.514	ug/L	99
15) Methyl Acetate	2.952	43	21474	6.341	ug/L	96
16) Methylene chloride	3.039	84	69997	5.845	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	118814	5.334	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	49521	4.874	ug/L	94
19) 1,1-Dichloroethane	3.862	63	105033	5.444	ug/L	99
21) 2-Butanone	4.705	43	131250	60.215	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	58657	5.155	ug/L	94
23) Bromochloromethane	4.972	128	26941	4.871	ug/L	90
25) Chloroform	5.081	83	108944	5.135	ug/L	100

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27) 1,2-Dichloroethane	5.788	62	63617	5.246	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	85910	5.081	ug/L	99
30) Cyclohexane	5.383	56	68694	5.136	ug/L	91
31) Carbon tetrachloride	5.518	117	70551	4.836	ug/L	97
33) Benzene	5.766	78	231139	5.168	ug/L	100
34) Trichloroethene	6.537	95	58305	4.916	ug/L	92
35) Methylcyclohexane	6.756	83	70906	4.560	ug/L	91
37) 1,2-Dichloropropane	6.782	63	64757	5.360	ug/L	99
38) Bromodichloromethane	7.100	83	78190	5.165	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	80631	5.107	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	346010	64.718	ug/L	98
42) Toluene	7.962	91	246910	5.188	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	68766	5.214	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	48865	5.293	ug/L	98
47) Tetrachloroethene	8.547	164	42872	4.371	ug/L	95
48) 2-Hexanone	8.679	43	249669	63.779	ug/L	98
49) Dibromochloromethane	8.804	129	51703	5.062	ug/L	100
50) 1,2-Dibromoethane	8.917	107	43342	5.192	ug/L	100
51) Chlorobenzene	9.441	112	152271	4.897	ug/L	98
52) Ethylbenzene	9.566	91	240701	5.071	ug/L	98
53) m,p-Xylene	9.688	106	92036	5.019	ug/L	98
54) o-Xylene	10.094	106	89851	5.124	ug/L	97
55) Styrene	10.110	104	159310	5.338	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	61113	5.411	ug/L	100
59) Bromoform	10.283	173	31704	5.080	ug/L	97
60) Isopropylbenzene	10.479	105	235673	5.247	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	41149	5.684	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	176669	5.148	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	168672	5.087	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	118438	4.901	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	117008	4.756	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	114037	4.930	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8491	6.018	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.216	180	80862	4.433	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	62165	4.478	ug/L	97
71) Naphthalene	14.084	128	94527	4.806	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	58404	4.678	ug/L	99

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

