

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051724\
 Data File : VU058909.D
 Acq On : 17 May 2024 14:57
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005107

Quant Time: May 18 00:12:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 18 00:11:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	152402	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79630	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	36659	3.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.911	69	36981	4.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.563	65	15365	4.084	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.634	46	133044	55.432	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.860%
24) Chloroform-d	5.058	84	92405	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.698	65	46221	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.721	84	164790	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.685	67	57386	4.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.894	98	142845	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	19561	4.879	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	104169	54.137	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52225	5.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	55964	4.673	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	59261	5.315	ug/L	100
3) Chloromethane	1.518	50	66530	5.124	ug/L	99
5) Vinyl chloride	1.602	62	71083	5.111	ug/L	100
6) Bromomethane	1.856	94	43300	4.997	ug/L	94
8) Chloroethane	1.933	64	45494	5.147	ug/L	99
9) Trichlorofluoromethane	2.136	101	92869	5.206	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	57578	5.326	ug/L	99
12) 1,1-Dichloroethene	2.576	96	49475	5.211	ug/L	97
13) Acetone	2.647	43	96257	58.024	ug/L	100
14) Carbon disulfide	2.792	76	147628	4.907	ug/L	100
15) Methyl Acetate	2.956	43	22119	5.365	ug/L	97
16) Methylene chloride	3.039	84	107529	8.348	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	127489	5.166	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	52093	5.211	ug/L	99
19) 1,1-Dichloroethane	3.862	63	112685	5.392	ug/L	99
21) 2-Butanone	4.711	43	150219	56.458	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	61468	5.341	ug/L	96
23) Bromochloromethane	4.968	128	26277	5.169	ug/L	91
25) Chloroform	5.081	83	114978	5.265	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70425	5.278	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	91076	5.332	ug/L	100
30) Cyclohexane	5.383	56	82663	5.119	ug/L	99
31) Carbon tetrachloride	5.518	117	74774	5.248	ug/L	100
33) Benzene	5.769	78	244024	5.435	ug/L	100
34) Trichloroethene	6.537	95	62918	5.297	ug/L	97
35) Methylcyclohexane	6.759	83	88749	5.237	ug/L	99
37) 1,2-Dichloropropane	6.785	63	68708	5.391	ug/L	98
38) Bromodichloromethane	7.100	83	82036	5.369	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	90446	5.207	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	358678	54.445	ug/L	99
42) Toluene	7.965	91	256140	5.469	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	73322	5.173	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	47952	5.348	ug/L	98
47) Tetrachloroethene	8.547	164	45214	5.343	ug/L	94
48) 2-Hexanone	8.679	43	276360	58.212	ug/L	100
49) Dibromochloromethane	8.804	129	49431	5.228	ug/L	96
50) 1,2-Dibromoethane	8.920	107	42734	5.393	ug/L	96
51) Chlorobenzene	9.444	112	153512	5.144	ug/L	99
52) Ethylbenzene	9.566	91	270038	5.341	ug/L	99
53) m,p-Xylene	9.688	106	99237	5.363	ug/L	95
54) o-Xylene	10.097	106	94673	5.231	ug/L	93
55) Styrene	10.110	104	169579	5.569	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	60513	5.323	ug/L	97
59) Bromoform	10.287	173	28506	4.899	ug/L	98
60) Isopropylbenzene	10.479	105	264086	5.180	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	41687	5.084	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	209310	5.151	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	211049	5.238	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	128620	5.185	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	130478	5.270	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	122091	5.266	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8687	5.266	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	95289	5.123	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	73460	4.786	ug/L	97
71) Naphthalene	14.084	128	103752	4.485	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	66199	4.915	ug/L	98

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

