

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081524\
 Data File : VU060468.D
 Acq On : 15 Aug 2024 17:34
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005173

Quant Time: Aug 16 04:58:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 16 04:55:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	90601	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	95980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28363	3.988	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.907	69	26290	4.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.557	65	12606	4.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.634	46	79193	52.470	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.940%
24) Chloroform-d	5.055	84	65069	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.695	65	32468	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.721	84	125422	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	39286	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.891	98	117813	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	14450	4.978	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.627	63	67260	52.215	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	36286	4.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	42038	4.508	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	21422	4.383	ug/L	98
3) Chloromethane	1.518	50	24931	4.101	ug/L	99
5) Vinyl chloride	1.599	62	29665	4.168	ug/L	96
6) Bromomethane	1.853	94	20836	4.134	ug/L	97
8) Chloroethane	1.927	64	20095	4.163	ug/L	100
9) Trichlorofluoromethane	2.129	101	51211	5.132	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	30668	4.664	ug/L	99
12) 1,1-Dichloroethene	2.573	96	25489	4.267	ug/L	92
13) Acetone	2.647	43	53038	51.461	ug/L	97
14) Carbon disulfide	2.785	76	55312	3.670	ug/L	97
15) Methyl Acetate	2.959	43	12446	5.828	ug/L	98
16) Methylene chloride	3.036	84	36921	4.348	ug/L	95
17) Methyl tert-butyl Ether	3.358	73	70941	5.037	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	26262	4.481	ug/L	96
19) 1,1-Dichloroethane	3.862	63	58623	4.845	ug/L	99
21) 2-Butanone	4.714	43	80848	52.631	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	32234	4.556	ug/L	90
23) Bromochloromethane	4.968	128	15928	4.878	ug/L	95
25) Chloroform	5.081	83	66130	5.024	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	38465	5.495	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	53432	5.085	ug/L	99
30) Cyclohexane	5.380	56	33896	3.985	ug/L	97
31) Carbon tetrachloride	5.518	117	45978	4.993	ug/L	96
33) Benzene	5.769	78	127842	4.626	ug/L	100
34) Trichloroethene	6.537	95	33207	4.591	ug/L	100
35) Methylcyclohexane	6.756	83	38243	4.049	ug/L	99
37) 1,2-Dichloropropane	6.785	63	36191	4.812	ug/L	100
38) Bromodichloromethane	7.100	83	46662	5.020	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	47065	4.607	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	199022	56.692	ug/L	98
42) Toluene	7.962	91	138414	4.740	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	42998	5.095	ug/L	93
45) 1,1,2-Trichloroethane	8.396	97	28812	5.002	ug/L	97
47) Tetrachloroethene	8.547	164	25760	4.553	ug/L	98
48) 2-Hexanone	8.679	43	153508	57.681	ug/L	98
49) Dibromochloromethane	8.804	129	32666	5.333	ug/L	100
50) 1,2-Dibromoethane	8.917	107	25554	4.984	ug/L	98
51) Chlorobenzene	9.441	112	91132	4.626	ug/L	97
52) Ethylbenzene	9.566	91	139049	4.520	ug/L	98
53) m,p-Xylene	9.688	106	53984	4.617	ug/L	99
54) o-Xylene	10.097	106	52300	4.675	ug/L	100
55) Styrene	10.110	104	94641	4.889	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	37338	5.213	ug/L	98
59) Bromoform	10.283	173	20136	5.239	ug/L	99
60) Isopropylbenzene	10.479	105	142748	4.670	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	25941	5.293	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	109779	4.666	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	108005	4.658	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	75290	4.834	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	74390	4.738	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	71136	4.837	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5175	5.633	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	51827	4.403	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	39743	4.300	ug/L	99
71) Naphthalene	14.081	128	61888	4.710	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	37773	4.562	ug/L	98

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

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