

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058502.D
 Acq On : 09 Apr 2024 04:47
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005187

Quant Time: Apr 09 05:56:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	74733	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35592	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15578	3.148	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.907	69	15579	3.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.560	65	7257	3.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.627	46	60333	57.862	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.720%
24) Chloroform-d	5.052	84	48030	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.695	65	22423	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.717	84	79342	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.682	67	27497	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	68948	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.174	79	8319	4.423	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	43451	56.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.040%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21338	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	25803	4.304	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	31470	5.052	ug/L	99
3) Chloromethane	1.515	50	38867	5.098	ug/L	99
5) Vinyl chloride	1.599	62	40929	5.376	ug/L	99
6) Bromomethane	1.853	94	15778	4.381	ug/L	98
8) Chloroethane	1.927	64	25611	5.325	ug/L	96
9) Trichlorofluoromethane	2.132	101	53409	5.312	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31090	5.204	ug/L	97
12) 1,1-Dichloroethene	2.573	96	28221	5.328	ug/L	88
13) Acetone	2.640	43	42870	48.171	ug/L	99
14) Carbon disulfide	2.785	76	88692	5.272	ug/L	99
15) Methyl Acetate	2.952	43	11881	5.658	ug/L	96
16) Methylene chloride	3.036	84	37369	5.316	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	67209	5.372	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	30885	5.564	ug/L	97
19) 1,1-Dichloroethane	3.856	63	67725	5.590	ug/L	95
21) 2-Butanone	4.705	43	68832	51.746	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	37216	5.970	ug/L	93
23) Bromochloromethane	4.965	128	13356	5.438	ug/L	99
25) Chloroform	5.078	83	65385	5.576	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	39320	5.506	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	53909	5.603	ug/L	99
30) Cyclohexane	5.380	56	53607	5.276	ug/L	99
31) Carbon tetrachloride	5.515	117	45104	5.536	ug/L	99
33) Benzene	5.766	78	142074	5.462	ug/L	100
34) Trichloroethene	6.534	95	35043	5.345	ug/L	94
35) Methylcyclohexane	6.756	83	50557	5.118	ug/L	97
37) 1,2-Dichloropropane	6.782	63	39397	5.757	ug/L	99
38) Bromodichloromethane	7.097	83	43480	5.566	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	45440	5.222	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	179910	55.850	ug/L	99
42) Toluene	7.962	91	148305	5.436	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	36794	5.361	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	22297	5.578	ug/L	97
47) Tetrachloroethene	8.547	164	24424	5.081	ug/L	95
48) 2-Hexanone	8.679	43	127440	55.728	ug/L	98
49) Dibromochloromethane	8.804	129	25423	5.502	ug/L	99
50) 1,2-Dibromoethane	8.917	107	19956	5.459	ug/L	98
51) Chlorobenzene	9.441	112	89580	5.426	ug/L	99
52) Ethylbenzene	9.563	91	155853	5.392	ug/L	99
53) m,p-Xylene	9.688	106	57211	5.527	ug/L	99
54) o-Xylene	10.093	106	54666	5.387	ug/L	100
55) Styrene	10.110	104	90642	5.552	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	26863	5.449	ug/L	100
59) Bromoform	10.283	173	12911	5.429	ug/L	99
60) Isopropylbenzene	10.476	105	141346	5.425	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	19414	5.346	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	113160	5.326	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	116273	5.359	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	66384	5.245	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	64286	5.213	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	59139	5.137	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	3822	6.206	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	45756	4.889	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	35048	4.856	ug/L	98
71) Naphthalene	14.080	128	45191	4.569	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	29077	4.879	ug/L	98

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

