

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058597.D
 Acq On : 11 Apr 2024 09:14
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005194

Quant Time: Apr 12 02:20:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 02:34:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23224	4.348	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.907	69	20136	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	10589	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.631	46	47082	41.832	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.660%
24) Chloroform-d	5.055	84	48989	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	22527	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.721	84	93679	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.682	67	29443	4.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.891	98	83652	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.174	79	8580	4.161	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.627	63	32608	38.343	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18314	3.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	25222	3.998	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	27670	4.115	ug/L	99
3) Chloromethane	1.515	50	35752	4.345	ug/L	99
5) Vinyl chloride	1.599	62	36372	4.426	ug/L	98
6) Bromomethane	1.853	94	13108	3.371	ug/L	98
8) Chloroethane	1.927	64	23442	4.515	ug/L	98
9) Trichlorofluoromethane	2.132	101	49300	4.543	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	28485	4.417	ug/L	97
12) 1,1-Dichloroethene	2.573	96	26175	4.579	ug/L	98
13) Acetone	2.644	43	37977	39.534	ug/L	98
14) Carbon disulfide	2.788	76	78051	4.298	ug/L	99
15) Methyl Acetate	2.952	43	10600	4.677	ug/L	94
16) Methylene chloride	3.036	84	31561	4.160	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	60633	4.490	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	27879	4.653	ug/L	97
19) 1,1-Dichloroethane	3.859	63	62932	4.812	ug/L	99
21) 2-Butanone	4.708	43	60706	42.280	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	31366	4.662	ug/L	95
23) Bromochloromethane	4.965	128	12148	4.582	ug/L	94
25) Chloroform	5.078	83	60442	4.775	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	36823	4.777	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	48680	4.615	ug/L	98
30) Cyclohexane	5.380	56	48456	4.350	ug/L	98
31) Carbon tetrachloride	5.515	117	41372	4.632	ug/L	100
33) Benzene	5.766	78	129871	4.554	ug/L	100
34) Trichloroethene	6.537	95	31934	4.442	ug/L	99
35) Methylcyclohexane	6.756	83	46121	4.258	ug/L	97
37) 1,2-Dichloropropane	6.782	63	36097	4.811	ug/L	100
38) Bromodichloromethane	7.100	83	40855	4.770	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	40936	4.291	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	162188	45.924	ug/L	98
42) Toluene	7.962	91	135975	4.546	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	33286	4.424	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	20946	4.780	ug/L	97
47) Tetrachloroethene	8.547	164	22284	4.229	ug/L	96
48) 2-Hexanone	8.679	43	113124	45.120	ug/L	97
49) Dibromochloromethane	8.801	129	23194	4.578	ug/L	98
50) 1,2-Dibromoethane	8.917	107	17780	4.437	ug/L	97
51) Chlorobenzene	9.441	112	80754	4.462	ug/L	98
52) Ethylbenzene	9.563	91	142741	4.504	ug/L	100
53) m,p-Xylene	9.688	106	51511	4.539	ug/L	99
54) o-Xylene	10.094	106	50923	4.577	ug/L	99
55) Styrene	10.110	104	82567	4.613	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	24895	4.606	ug/L	100
59) Bromoform	10.286	173	11676	4.665	ug/L	95
60) Isopropylbenzene	10.479	105	130808	4.770	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17900	4.683	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	102949	4.603	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	105336	4.613	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	59823	4.491	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	57698	4.446	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	53715	4.433	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	3178	4.903	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.212	180	41599	4.223	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	28053	3.693	ug/L	95
71) Naphthalene	14.084	128	32413	3.114	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	23666	3.773	ug/L	99

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

