

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058852.D
 Acq On : 07 May 2024 20:04
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005100

Quant Time: May 08 05:13:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 05:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	59211	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	57055	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30497	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	12977	2.786	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.800%
7) Chloroethane-d5	1.904	69	11322	3.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.600%#
11) 1,1-Dichloroethene-d2	2.554	65	8464	3.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.608	46	36494	44.598	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.200%
24) Chloroform-d	5.049	84	48535	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.692	65	23419	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.718	84	75970	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.679	67	21737	4.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.891	98	69357	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.174	79	9139	4.634	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.624	63	27672	47.353	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15587	4.724	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	26649	5.014	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	33231	5.125	ug/L	98
3) Chloromethane	1.512	50	17777	3.502	ug/L	98
5) Vinyl chloride	1.596	62	19312	3.750	ug/L	98
6) Bromomethane	1.846	94	12694	4.165	ug/L	92
8) Chloroethane	1.923	64	10769	3.712	ug/L	99
9) Trichlorofluoromethane	2.129	101	43915	5.448	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	22969	4.781	ug/L	89
12) 1,1-Dichloroethene	2.570	96	20066	4.653	ug/L	90
13) Acetone	2.615	43	22861	40.422	ug/L	96
14) Carbon disulfide	2.782	76	61498	4.193	ug/L	100
15) Methyl Acetate	2.943	43	5550	4.093	ug/L	97
16) Methylene chloride	3.033	84	25636	5.525	ug/L	92
17) Methyl tert-butyl Ether	3.348	73	47913	4.908	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	21293	4.930	ug/L	90
19) 1,1-Dichloroethane	3.853	63	42273	4.622	ug/L	95
21) 2-Butanone	4.689	43	32959	37.060	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	22672	4.778	ug/L	95
23) Bromochloromethane	4.959	128	9931	5.346	ug/L #	81
25) Chloroform	5.074	83	48894	5.143	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	31185	5.483	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	46919	5.510	ug/L	97
30) Cyclohexane	5.380	56	32328	4.022	ug/L	88
31) Carbon tetrachloride	5.512	117	44976	5.976	ug/L	99
33) Benzene	5.763	78	91547	4.638	ug/L	100
34) Trichloroethene	6.534	95	26429	4.920	ug/L	96
35) Methylcyclohexane	6.753	83	37301	4.570	ug/L	92
37) 1,2-Dichloropropane	6.782	63	22468	4.357	ug/L	98
38) Bromodichloromethane	7.097	83	33323	5.217	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	33298	4.665	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	90824	39.907	ug/L #	97
42) Toluene	7.962	91	99499	4.877	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	27738	5.047	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	14399	4.853	ug/L	96
47) Tetrachloroethene	8.547	164	21216	5.628	ug/L	96
48) 2-Hexanone	8.676	43	64221	39.723	ug/L #	97
49) Dibromochloromethane	8.801	129	19137	5.508	ug/L	95
50) 1,2-Dibromoethane	8.917	107	12654	4.636	ug/L	88
51) Chlorobenzene	9.441	112	62618	5.038	ug/L	97
52) Ethylbenzene	9.563	91	112540	5.002	ug/L	99
53) m,p-Xylene	9.688	106	42181	5.104	ug/L	95
54) o-Xylene	10.094	106	40229	5.135	ug/L	99
55) Styrene	10.110	104	68462	5.364	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	15000	4.338	ug/L #	91
59) Bromoform	10.283	173	10714	5.016	ug/L	99
60) Isopropylbenzene	10.476	105	115960	4.793	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	11614	4.184	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	96588	4.797	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	96206	5.051	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	51394	4.929	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	50893	5.002	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	45330	5.022	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	2627	5.477	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.212	180	38922	5.218	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	25578	4.933	ug/L	97
71) Naphthalene	14.084	128	26837	4.278	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	20398	4.963	ug/L	97

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

