

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058405.D
 Acq On : 05 Apr 2024 08:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005182

Quant Time: Apr 05 23:30:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	91353	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	87628	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42204	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28419	4.699	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.911	69	23947	4.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.563	65	12784	4.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.637	46	60301	47.310	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.620%
24) Chloroform-d	5.055	84	57518	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.695	65	27307	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.721	84	111917	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.682	67	34705	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	101229	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.174	79	10631	4.629	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.627	63	42629	45.004	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	23051	4.413	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	30698	4.319	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	37189	4.884	ug/L	99
3) Chloromethane	1.515	50	43886	4.709	ug/L	99
5) Vinyl chloride	1.599	62	44170	4.746	ug/L	99
6) Bromomethane	1.856	94	20990	4.767	ug/L	98
8) Chloroethane	1.930	64	27072	4.605	ug/L	100
9) Trichlorofluoromethane	2.136	101	59815	4.867	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	36212	4.959	ug/L	100
12) 1,1-Dichloroethene	2.576	96	31370	4.845	ug/L	97
13) Acetone	2.660	43	47202	43.390	ug/L	98
14) Carbon disulfide	2.789	76	94553	4.598	ug/L	98
15) Methyl Acetate	2.956	43	12543	4.887	ug/L	97
16) Methylene chloride	3.039	84	36242	4.218	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	70603	4.617	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	33370	4.918	ug/L	96
19) 1,1-Dichloroethane	3.859	63	70729	4.776	ug/L	97
21) 2-Butanone	4.714	43	72665	44.689	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	36241	4.756	ug/L	97
23) Bromochloromethane	4.968	128	14675	4.888	ug/L	97
25) Chloroform	5.078	83	69327	4.836	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	42746	4.897	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	56185	4.782	ug/L	99
30) Cyclohexane	5.380	56	58464	4.712	ug/L	98
31) Carbon tetrachloride	5.518	117	47859	4.810	ug/L	99
33) Benzene	5.766	78	151191	4.760	ug/L	100
34) Trichloroethene	6.534	95	38535	4.813	ug/L	97
35) Methylcyclohexane	6.756	83	58155	4.821	ug/L	99
37) 1,2-Dichloropropane	6.782	63	40417	4.836	ug/L	100
38) Bromodichloromethane	7.100	83	45970	4.819	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	50590	4.761	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	184268	46.843	ug/L	100
42) Toluene	7.962	91	159912	4.800	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	40118	4.787	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	24415	5.002	ug/L	95
47) Tetrachloroethene	8.547	164	28347	4.829	ug/L	98
48) 2-Hexanone	8.679	43	132731	47.530	ug/L	98
49) Dibromochloromethane	8.801	129	27062	4.796	ug/L	100
50) 1,2-Dibromoethane	8.917	107	21606	4.840	ug/L	100
51) Chlorobenzene	9.441	112	95516	4.738	ug/L	99
52) Ethylbenzene	9.563	91	168893	4.785	ug/L	100
53) m,p-Xylene	9.689	106	62316	4.930	ug/L	95
54) o-Xylene	10.094	106	59839	4.829	ug/L	98
55) Styrene	10.107	104	97524	4.892	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	28787	4.781	ug/L	97
59) Bromoform	10.283	173	13567	4.811	ug/L	97
60) Isopropylbenzene	10.476	105	154180	4.990	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	20916	4.857	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	125271	4.972	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	126325	4.910	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	71383	4.756	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	66728	4.563	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	63600	4.659	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	3547	4.857	ug/L	90
69) 1,3,5-Trichlorobenzene	13.213	180	51424	4.634	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	34859	4.073	ug/L	98
71) Naphthalene	14.084	128	38585	3.290	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	28439	4.024	ug/L	99

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

