

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071224\
 Data File : VU059934.D
 Acq On : 12 Jul 2024 20:09
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Quant Time: Jul 13 04:01:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 13 03:52:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	206949	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	203995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110148	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	62046	4.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.907	69	52498	3.792	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	25818	4.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.628	46	146845	49.540	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.080%
24) Chloroform-d	5.055	84	120074	4.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.695	65	57615	4.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	5.717	84	238919	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.682	67	72920	4.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.891	98	230919	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.174	79	26549	4.928	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.627	63	126230	56.395	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.800%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	61212	4.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	86758	4.425	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	70221	4.005	ug/L	98
3) Chloromethane	1.515	50	79639	4.220	ug/L	100
5) Vinyl chloride	1.599	62	88963	4.267	ug/L	98
6) Bromomethane	1.853	94	47341	3.266	ug/L	99
8) Chloroethane	1.930	64	56203	4.474	ug/L	99
9) Trichlorofluoromethane	2.132	101	118988	4.741	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	75421	4.747	ug/L	90
12) 1,1-Dichloroethene	2.573	96	71088	4.843	ug/L	84
13) Acetone	2.640	43	101994	53.044	ug/L	97
14) Carbon disulfide	2.788	76	201017	4.105	ug/L	99
15) Methyl Acetate	2.952	43	28996	5.714	ug/L	93
16) Methylene chloride	3.039	84	81721	4.699	ug/L	91
17) Methyl tert-butyl Ether	3.357	73	184216	5.824	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	76231	4.994	ug/L	91
19) 1,1-Dichloroethane	3.859	63	136796	4.860	ug/L	99
21) 2-Butanone	4.705	43	185896	60.275	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	90089	5.354	ug/L	94
23) Bromochloromethane	4.965	128	41027	5.349	ug/L	84
25) Chloroform	5.078	83	147373	4.971	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	88746	4.940	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	120017	5.095	ug/L	97
30) Cyclohexane	5.380	56	105887	5.091	ug/L	93
31) Carbon tetrachloride	5.518	117	102674	5.206	ug/L	98
33) Benzene	5.766	78	321528	5.190	ug/L	100
34) Trichloroethene	6.534	95	86422	5.151	ug/L	96
35) Methylcyclohexane	6.756	83	120535	5.049	ug/L	93
37) 1,2-Dichloropropane	6.782	63	84067	5.244	ug/L #	97
38) Bromodichloromethane	7.097	83	104081	5.201	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	115572	5.272	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	467214	62.895	ug/L #	96
42) Toluene	7.962	91	353522	5.390	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	95441	5.424	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	66711	5.647	ug/L	99
47) Tetrachloroethene	8.547	164	71929	5.525	ug/L	93
48) 2-Hexanone	8.679	43	335809	63.342	ug/L #	95
49) Dibromochloromethane	8.804	129	73524	5.618	ug/L	98
50) 1,2-Dibromoethane	8.917	107	61997	5.683	ug/L	95
51) Chlorobenzene	9.441	112	237064	5.699	ug/L	94
52) Ethylbenzene	9.563	91	366988	5.455	ug/L	96
53) m,p-Xylene	9.688	106	145687	5.638	ug/L	95
54) o-Xylene	10.094	106	138260	5.638	ug/L	97
55) Styrene	10.110	104	234193	5.610	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	79192	5.526	ug/L	99
59) Bromoform	10.283	173	47216	5.601	ug/L #	97
60) Isopropylbenzene	10.476	105	367157	5.396	ug/L	97
61) 1,2,3-Trichloropropane	10.817	75	54440	5.348	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	296506	5.501	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	295538	5.735	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	187535	5.419	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	191814	5.385	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	180120	5.531	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	11420	5.752	ug/L #	75
69) 1,3,5-Trichlorobenzene	13.212	180	142564	5.565	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	118414	6.026	ug/L	99
71) Naphthalene	14.080	128	174574	6.207	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	106704	5.848	ug/L	99

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

