

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
 Data File : VU058300.D
 Acq On : 30 Mar 2024 03:39
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005173

Quant Time: Mar 30 03:50:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 30 01:09:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75573	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35588	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31723	4.967	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.908	69	28213	5.412	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.200%	
11) 1,1-Dichloroethene-d2	2.560	65	12777	4.819	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.400%	
20) 2-Butanone-d5	4.628	46	60179	53.041	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.080%	
24) Chloroform-d	5.052	84	57786	5.061	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.692	65	28049	5.255	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.718	84	116348	4.910	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6	6.682	67	35014	5.014	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.891	98	101387	4.830	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
43) trans-1,3-Dichloroprop...	8.174	79	10326	4.615	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.200%	
46) 2-Hexanone-d5	8.628	63	46137	50.911	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.820%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23629	5.193	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	31900	4.814	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	11918	3.829	ug/L	96
3) Chloromethane	1.515	50	15099	3.805	ug/L	98
5) Vinyl chloride	1.599	62	18041	4.164	ug/L	97
6) Bromomethane	1.853	94	9566	4.117	ug/L	95
8) Chloroethane	1.930	64	13351	4.673	ug/L	99
9) Trichlorofluoromethane	2.133	101	30408	4.319	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	19409	4.295	ug/L	99
12) 1,1-Dichloroethene	2.573	96	16450	4.342	ug/L	92
13) Acetone	2.650	43	33162	45.162	ug/L	100
14) Carbon disulfide	2.789	76	30808	3.639	ug/L	100
15) Methyl Acetate	2.953	43	7870	5.163	ug/L	96
16) Methylene chloride	3.036	84	21927	4.084	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	47199	4.642	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	16864	4.259	ug/L	98
19) 1,1-Dichloroethane	3.859	63	40806	4.587	ug/L	96
21) 2-Butanone	4.708	43	49403	44.285	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	22372	4.573	ug/L	96
23) Bromochloromethane	4.965	128	8985	4.921	ug/L	99
25) Chloroform	5.078	83	43463	4.659	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	25705	4.853	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	33752	4.474	ug/L	98
30) Cyclohexane	5.377	56	24682	3.746	ug/L	99
31) Carbon tetrachloride	5.515	117	27323	4.255	ug/L	99
33) Benzene	5.766	78	86409	4.509	ug/L	100
34) Trichloroethene	6.534	95	22547	4.517	ug/L	96
35) Methylcyclohexane	6.753	83	25574	3.673	ug/L	100
37) 1,2-Dichloropropane	6.782	63	25021	4.674	ug/L	99
38) Bromodichloromethane	7.097	83	28946	4.718	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	30534	4.498	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	130788	48.322	ug/L	98
42) Toluene	7.962	91	91353	4.512	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	24462	4.579	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	16326	4.842	ug/L	96
47) Tetrachloroethene	8.547	164	14781	4.421	ug/L	97
48) 2-Hexanone	8.679	43	92269	46.812	ug/L	95
49) Dibromochloromethane	8.801	129	17978	4.873	ug/L	96
50) 1,2-Dibromoethane	8.917	107	13866	4.777	ug/L	92
51) Chlorobenzene	9.441	112	59351	4.550	ug/L	99
52) Ethylbenzene	9.563	91	96924	4.287	ug/L	99
53) m,p-Xylene	9.685	106	35123	4.360	ug/L	97
54) o-Xylene	10.094	106	35967	4.423	ug/L	99
55) Styrene	10.107	104	59927	4.668	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	19992	5.031	ug/L	98
59) Bromoform	10.283	173	9023	4.828	ug/L	96
60) Isopropylbenzene	10.476	105	91218	4.267	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	13731	4.607	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	74762	4.167	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	75172	4.218	ug/L	96
64) 1,3-Dichlorobenzene	11.740	146	44595	4.479	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	43086	4.477	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	41062	4.459	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	2573	5.725	ug/L	88
69) 1,3,5-Trichlorobenzene	13.213	180	30971	4.448	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	22818	4.394	ug/L	97
71) Naphthalene	14.081	128	28230	3.992	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	19219	4.520	ug/L	98

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

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