

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
 Data File : VU058260.D
 Acq On : 29 Mar 2024 10:56
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005171

Quant Time: Mar 29 23:35:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	77011	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	33828	5.198	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 104.000%	
7) Chloroethane-d5	1.907	69	29084	5.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 109.600%	
11) 1,1-Dichloroethene-d2	2.560	65	14277	5.284	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 105.600%	
20) 2-Butanone-d5	4.631	46	60712	52.511	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 105.020%	
24) Chloroform-d	5.052	84	60037	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.200%	
26) 1,2-Dichloroethane-d4	5.695	65	28751	5.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 105.800%	
32) Benzene-d6	5.717	84	123445	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 105.600%	
36) 1,2-Dichloropropane-d6	6.682	67	36811	5.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.800%	
41) Toluene-d8	7.891	98	109364	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 105.600%	
43) trans-1,3-Dichloroprop...	8.174	79	11652	5.276	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 105.600%	
46) 2-Hexanone-d5	8.627	63	46522	52.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 104.020%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23639	5.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 105.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	33489	5.189	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 103.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	13089	4.126	ug/L	99
3) Chloromethane	1.515	50	15597	3.858	ug/L	99
5) Vinyl chloride	1.599	62	18733	4.243	ug/L	100
6) Bromomethane	1.853	94	9537	4.027	ug/L	99
8) Chloroethane	1.930	64	13838	4.753	ug/L	98
9) Trichlorofluoromethane	2.132	101	35564	4.956	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	21663	4.704	ug/L	98
12) 1,1-Dichloroethene	2.573	96	17046	4.415	ug/L	94
13) Acetone	2.653	43	39700	53.056	ug/L	100
14) Carbon disulfide	2.785	76	32123	3.724	ug/L	97
15) Methyl Acetate	2.959	43	6558	4.222	ug/L #	86
16) Methylene chloride	3.036	84	21678	3.962	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	48806	4.710	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	17987	4.458	ug/L	99
19) 1,1-Dichloroethane	3.859	63	43012	4.745	ug/L	99
21) 2-Butanone	4.714	43	55036	48.413	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	22971	4.607	ug/L	98
23) Bromochloromethane	4.968	128	9228	4.960	ug/L	95
25) Chloroform	5.078	83	45170	4.751	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	24835	4.601	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	35785	4.806	ug/L	99
30) Cyclohexane	5.380	56	26890	4.135	ug/L	99
31) Carbon tetrachloride	5.518	117	28677	4.525	ug/L	99
33) Benzene	5.766	78	89787	4.747	ug/L	100
34) Trichloroethene	6.537	95	22575	4.582	ug/L	98
35) Methylcyclohexane	6.756	83	29808	4.338	ug/L	98
37) 1,2-Dichloropropane	6.782	63	24458	4.629	ug/L	100
38) Bromodichloromethane	7.097	83	30302	5.004	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	31859	4.755	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	128122	47.959	ug/L	98
42) Toluene	7.962	91	95311	4.770	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	26360	4.999	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	15839	4.759	ug/L	97
47) Tetrachloroethene	8.547	164	16496	4.998	ug/L	96
48) 2-Hexanone	8.679	43	98158	50.454	ug/L	97
49) Dibromochloromethane	8.804	129	18434	5.062	ug/L	98
50) 1,2-Dibromoethane	8.917	107	13907	4.855	ug/L	95
51) Chlorobenzene	9.441	112	61123	4.747	ug/L	98
52) Ethylbenzene	9.563	91	104442	4.681	ug/L	99
53) m,p-Xylene	9.688	106	37335	4.696	ug/L	96
54) o-Xylene	10.097	106	38554	4.804	ug/L	98
55) Styrene	10.110	104	61143	4.825	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	20061	5.114	ug/L	98
59) Bromoform	10.286	173	9187	5.048	ug/L	94
60) Isopropylbenzene	10.479	105	99908	4.799	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	13854	4.774	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	82085	4.698	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	83935	4.837	ug/L	96
64) 1,3-Dichlorobenzene	11.740	146	46574	4.803	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	46000	4.909	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	43282	4.827	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	2276	5.200	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	34234	5.049	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	25966	5.135	ug/L	98
71) Naphthalene	14.084	128	34260	4.974	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	21007	5.073	ug/L	95

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

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