

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061619.D
 Acq On : 13 Nov 2024 11:41
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005149

Quant Time: Nov 14 00:23:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:18:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	197577	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	186517	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	91237	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	64285	5.036	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.911	69	53392	4.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.560	65	28020	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.628	46	136887	50.520	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.040%
24) Chloroform-d	5.052	84	129534	5.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.695	65	61809	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.718	84	264226	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.682	67	78268	5.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.888	98	251871	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.171	79	28330	5.054	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.624	63	116117	52.419	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59738	4.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	82882	5.100	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	77857	5.302	ug/L	99
3) Chloromethane	1.518	50	67171	5.042	ug/L	99
5) Vinyl chloride	1.602	62	77325	5.260	ug/L	100
6) Bromomethane	1.856	94	49286	5.618	ug/L	99
8) Chloroethane	1.930	64	50821	4.983	ug/L	100
9) Trichlorofluoromethane	2.132	101	110236	5.101	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	67482	5.282	ug/L	98
12) 1,1-Dichloroethene	2.573	96	61997	5.198	ug/L	98
13) Acetone	2.647	43	84928	49.750	ug/L	97
14) Carbon disulfide	2.788	76	196269	5.123	ug/L	99
15) Methyl Acetate	2.956	43	21123	4.953	ug/L	100
16) Methylene chloride	3.039	84	70240	5.110	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	151307	5.176	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	67950	5.194	ug/L	98
19) 1,1-Dichloroethane	3.859	63	124312	5.212	ug/L	98
21) 2-Butanone	4.708	43	142426	51.086	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	75837	5.140	ug/L	98
23) Bromochloromethane	4.965	128	34014	5.191	ug/L	96
25) Chloroform	5.078	83	130867	5.206	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	81461	5.164	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	111062	5.233	ug/L	99
30) Cyclohexane	5.377	56	113850	5.370	ug/L	99
31) Carbon tetrachloride	5.515	117	94187	5.210	ug/L	100
33) Benzene	5.766	78	294244	5.213	ug/L	100
34) Trichloroethene	6.534	95	78598	5.157	ug/L	95
35) Methylcyclohexane	6.753	83	123949	5.392	ug/L	99
37) 1,2-Dichloropropane	6.782	63	75540	5.275	ug/L	100
38) Bromodichloromethane	7.097	83	88422	5.146	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	107153	5.257	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	360394	52.485	ug/L	99
42) Toluene	7.962	91	321292	5.286	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	85165	5.268	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	55992	5.363	ug/L	96
47) Tetrachloroethene	8.544	164	59990	5.238	ug/L	96
48) 2-Hexanone	8.676	43	260413	53.040	ug/L	99
49) Dibromochloromethane	8.801	129	56146	5.129	ug/L	98
50) 1,2-Dibromoethane	8.917	107	52406	5.322	ug/L	99
51) Chlorobenzene	9.438	112	204761	5.234	ug/L	99
52) Ethylbenzene	9.560	91	347737	5.371	ug/L	98
53) m,p-Xylene	9.685	106	135211	5.458	ug/L	100
54) o-Xylene	10.090	106	127715	5.304	ug/L	97
55) Styrene	10.106	104	210359	5.487	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	66494	5.234	ug/L	98
59) Bromoform	10.280	173	30546	5.058	ug/L	100
60) Isopropylbenzene	10.476	105	343801	5.434	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	44405	5.166	ug/L	96
62) 1,3,5-Trimethylbenzene	11.077	105	272943	5.388	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	270856	5.493	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	155056	5.344	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	153353	5.205	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	142976	5.298	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	7669	5.110	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	109886	5.424	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	88685	5.648	ug/L	99
71) Naphthalene	14.081	128	133839	5.937	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	76781	5.825	ug/L	99

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

