

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062319.D
 Acq On : 13 Dec 2024 17:48
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005186

Quant Time: Dec 14 03:51:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 14 03:45:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	93682	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	48672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20682	3.273	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.400%	
7) Chloroethane-d5	1.911	69	17547	3.904	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.000%	
11) 1,1-Dichloroethene-d2	2.560	65	10066	3.348	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.000%	
20) 2-Butanone-d5	4.628	46	63114	52.117	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.240%	
24) Chloroform-d	5.052	84	58826	4.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
26) 1,2-Dichloroethane-d4	5.692	65	31043	4.616	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	5.718	84	100447	3.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.000%	
36) 1,2-Dichloropropane-d6	6.682	67	31102	4.165	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.200%	
41) Toluene-d8	7.888	98	93407	3.788	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.800%	
43) trans-1,3-Dichloroprop...	8.171	79	13817	4.203	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.624	63	48997	49.405	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.800%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27315	4.700	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	12.184	152	37496	4.181	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	46762	5.329	ug/L	97
3) Chloromethane	1.515	50	35630	5.180	ug/L	99
5) Vinyl chloride	1.602	62	39395	5.501	ug/L	98
6) Bromomethane	1.853	94	23948	5.017	ug/L	98
8) Chloroethane	1.930	64	22091	5.507	ug/L	97
9) Trichlorofluoromethane	2.133	101	70406	5.664	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	36714	5.426	ug/L	93
12) 1,1-Dichloroethene	2.573	96	33346	5.272	ug/L	95
13) Acetone	2.650	43	46936	56.923	ug/L	97
14) Carbon disulfide	2.785	76	98848	4.942	ug/L	99
15) Methyl Acetate	2.956	43	10598	5.128	ug/L #	89
16) Methylene chloride	3.036	84	36280	5.464	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	85786	5.444	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	35442	5.454	ug/L	93
19) 1,1-Dichloroethane	3.856	63	64399	5.406	ug/L	98
21) 2-Butanone	4.708	43	70523	58.894	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	39400	5.409	ug/L	93
23) Bromochloromethane	4.962	128	18307	5.733	ug/L #	79
25) Chloroform	5.078	83	74891	5.581	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45744	5.365	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	70292	5.513	ug/L	95
30) Cyclohexane	5.377	56	51930	5.023	ug/L	92
31) Carbon tetrachloride	5.515	117	64214	5.493	ug/L	99
33) Benzene	5.763	78	145828	5.192	ug/L	100
34) Trichloroethene	6.531	95	42849	5.386	ug/L	94
35) Methylcyclohexane	6.753	83	59051	5.006	ug/L	96
37) 1,2-Dichloropropane	6.779	63	37218	5.442	ug/L	99
38) Bromodichloromethane	7.094	83	52990	5.492	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	57702	5.264	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	176979	55.213	ug/L #	93
42) Toluene	7.959	91	165366	5.461	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	48754	5.446	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	28323	5.486	ug/L	97
47) Tetrachloroethene	8.544	164	33152	5.397	ug/L	95
48) 2-Hexanone	8.676	43	129401	54.625	ug/L #	95
49) Dibromochloromethane	8.798	129	35354	5.667	ug/L	95
50) 1,2-Dibromoethane	8.914	107	27669	5.577	ug/L	99
51) Chlorobenzene	9.438	112	105605	5.442	ug/L	97
52) Ethylbenzene	9.560	91	182196	5.366	ug/L	99
53) m,p-Xylene	9.685	106	68959	5.501	ug/L	96
54) o-Xylene	10.091	106	67613	5.546	ug/L	98
55) Styrene	10.107	104	111244	5.535	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	32895	5.474	ug/L #	96
59) Bromoform	10.280	173	21033	5.499	ug/L #	98
60) Isopropylbenzene	10.473	105	183482	5.218	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	24001	5.333	ug/L	95
62) 1,3,5-Trimethylbenzene	11.078	105	153899	5.172	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	153197	5.255	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	85503	5.294	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	85589	5.263	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	77216	5.173	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5230	5.327	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.209	180	61016	5.082	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	45862	4.838	ug/L	98
71) Naphthalene	14.077	128	60841	4.274	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	39671	4.746	ug/L	99

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

