

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061865.D
 Acq On : 20 Nov 2024 14:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

Quant Time: Nov 21 01:12:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:06:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	177430	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	164407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78792	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42635	4.899	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.907	69	38677	5.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.560	65	18591	5.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.000%
20) 2-Butanone-d5	4.615	46	136910	50.095	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.180%
24) Chloroform-d	5.052	84	109020	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.692	65	53727	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.717	84	182472	5.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.000%
36) 1,2-Dichloropropane-d6	6.682	67	63193	5.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.200%
41) Toluene-d8	7.888	98	157581	5.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%
43) trans-1,3-Dichloroprop...	8.174	79	23363	5.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.000%
46) 2-Hexanone-d5	8.624	63	94655	51.466	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55805	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	63482	5.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	77989	5.024	ug/L	99
3) Chloromethane	1.515	50	78673	4.917	ug/L	98
5) Vinyl chloride	1.599	62	82360	5.010	ug/L	99
6) Bromomethane	1.849	94	50642	5.175	ug/L	100
8) Chloroethane	1.927	64	49105	4.633	ug/L	98
9) Trichlorofluoromethane	2.132	101	106999	5.146	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	65041	5.083	ug/L	98
12) 1,1-Dichloroethene	2.573	96	60330	5.070	ug/L	94
13) Acetone	2.621	43	89939	47.663	ug/L	97
14) Carbon disulfide	2.785	76	193263	5.106	ug/L	100
15) Methyl Acetate	2.946	43	23368	4.823	ug/L	99
16) Methylene chloride	3.036	84	69843	4.888	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	151700	4.974	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	64388	5.119	ug/L	98
19) 1,1-Dichloroethane	3.859	63	124094	5.064	ug/L	98
21) 2-Butanone	4.692	43	152859	50.123	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	72805	5.143	ug/L	98
23) Bromochloromethane	4.965	128	30937	5.027	ug/L	97
25) Chloroform	5.078	83	130310	5.088	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	81879	4.969	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	108468	5.724	ug/L	100
30) Cyclohexane	5.377	56	114642	5.784	ug/L	98
31) Carbon tetrachloride	5.515	117	93432	5.807	ug/L	98
33) Benzene	5.762	78	285438	5.749	ug/L	100
34) Trichloroethene	6.534	95	76356	5.762	ug/L	99
35) Methylcyclohexane	6.753	83	117289	5.786	ug/L	99
37) 1,2-Dichloropropane	6.782	63	73737	5.716	ug/L	99
38) Bromodichloromethane	7.097	83	89621	5.729	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	102875	5.688	ug/L	100
40) 4-Methyl-2-pentanone	7.778	43	382851	55.008	ug/L	100
42) Toluene	7.962	91	301606	5.789	ug/L	95
44) trans-1,3-Dichloropropene	8.200	75	81972	5.707	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	51958	5.468	ug/L	98
47) Tetrachloroethene	8.544	164	53919	5.595	ug/L	97
48) 2-Hexanone	8.676	43	269731	51.748	ug/L	98
49) Dibromochloromethane	8.801	129	53582	5.337	ug/L	96
50) 1,2-Dibromoethane	8.913	107	47688	5.056	ug/L	100
51) Chlorobenzene	9.438	112	183564	5.144	ug/L	99
52) Ethylbenzene	9.560	91	331654	5.319	ug/L	97
53) m,p-Xylene	9.685	106	121435	5.519	ug/L	97
54) o-Xylene	10.090	106	117877	5.308	ug/L	98
55) Styrene	10.106	104	195903	5.354	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	61640	5.062	ug/L	99
59) Bromoform	10.283	173	27879	4.760	ug/L	99
60) Isopropylbenzene	10.476	105	319246	5.196	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	42582	4.675	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	256523	5.234	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	250757	5.132	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	136022	4.987	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	135439	5.131	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	126104	5.316	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8384	5.393	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	93745	5.777	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	77720	6.249	ug/L	98
71) Naphthalene	14.080	128	129080	6.439	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	67249	6.278	ug/L	100

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

