

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
 Data File : VU061124.D
 Acq On : 11 Oct 2024 17:30
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005104

Quant Time: Oct 14 04:20:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	153850	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	142319	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67386	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43832	3.985	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.907	69	40492	4.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.560	65	20802	4.287	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.621	46	151082	57.341	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.680%
24) Chloroform-d	5.052	84	103848	5.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	5.692	65	54115	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.718	84	194333	5.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.682	67	65686	5.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.891	98	176892	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.174	79	26199	4.972	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.624	63	132884	60.928	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53052	5.870	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	61788	5.734	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	35978	4.798	ug/L	99
3) Chloromethane	1.518	50	50052	4.622	ug/L	96
5) Vinyl chloride	1.599	62	54058	4.972	ug/L	98
6) Bromomethane	1.853	94	19541	3.370	ug/L	91
8) Chloroethane	1.927	64	36323	5.508	ug/L	100
9) Trichlorofluoromethane	2.133	101	76747	5.494	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49252	5.338	ug/L	97
12) 1,1-Dichloroethene	2.573	96	47738	5.373	ug/L	93
13) Acetone	2.634	43	83706	49.399	ug/L	97
14) Carbon disulfide	2.785	76	153163	5.073	ug/L	99
15) Methyl Acetate	2.949	43	21439	5.196	ug/L	98
16) Methylene chloride	3.036	84	54006	5.295	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	133816	5.264	ug/L #	96
18) trans-1,2-Dichloroethene	3.345	96	50899	5.227	ug/L	91
19) 1,1-Dichloroethane	3.859	63	99755	5.264	ug/L	99
21) 2-Butanone	4.698	43	144092	51.654	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	59558	5.491	ug/L	98
23) Bromochloromethane	4.965	128	24875	5.698	ug/L	95
25) Chloroform	5.078	83	102955	5.423	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	65642	5.250	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	86514	5.253	ug/L	96
30) Cyclohexane	5.380	56	91008	4.960	ug/L	97
31) Carbon tetrachloride	5.515	117	75617	5.410	ug/L	100
33) Benzene	5.766	78	228783	5.453	ug/L	100
34) Trichloroethene	6.534	95	58839	5.174	ug/L	97
35) Methylcyclohexane	6.753	83	93119	5.070	ug/L	99
37) 1,2-Dichloropropane	6.782	63	60626	5.483	ug/L #	98
38) Bromodichloromethane	7.097	83	73745	5.335	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	89625	5.170	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	370137	52.267	ug/L	96
42) Toluene	7.962	91	242276	5.421	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	74291	5.182	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	39661	5.413	ug/L	97
47) Tetrachloroethene	8.544	164	41050	5.546	ug/L	96
48) 2-Hexanone	8.676	43	267156	54.413	ug/L	95
49) Dibromochloromethane	8.801	129	47576	5.580	ug/L	99
50) 1,2-Dibromoethane	8.914	107	38184	5.505	ug/L #	98
51) Chlorobenzene	9.438	112	148592	5.458	ug/L	95
52) Ethylbenzene	9.563	91	268845	5.308	ug/L	99
53) m,p-Xylene	9.685	106	98593	5.336	ug/L	93
54) o-Xylene	10.090	106	98043	5.393	ug/L	90
55) Styrene	10.107	104	157217	5.359	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	51173	5.558	ug/L	97
59) Bromoform	10.283	173	25319	5.474	ug/L #	98
60) Isopropylbenzene	10.476	105	244599	5.427	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	36158	5.462	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	210946	5.311	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	211097	5.266	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	107091	5.544	ug/L	96
65) 1,4-Dichlorobenzene	11.827	146	104206	5.457	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	99950	5.598	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7666	5.310	ug/L	86
69) 1,3,5-Trichlorobenzene	13.212	180	75426	5.545	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	61033	5.855	ug/L	98
71) Naphthalene	14.081	128	120115	7.054	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	52299	6.029	ug/L	98

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

