

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102324\
 Data File : VU061193.D
 Acq On : 23 Oct 2024 12:40
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV035

Quant Time: Oct 24 01:36:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 24 01:26:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	213651	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	194063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	88007	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66570	4.587	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.911	69	59847	4.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.560	65	29863	4.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.628	46	142918	48.502	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.000%
24) Chloroform-d	5.052	84	139117	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	67890	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.718	84	276850	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.682	67	80928	4.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.891	98	261937	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.174	79	34157	5.090	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.627	63	136649	49.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	60951	4.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	80799	5.185	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	74210	5.210	ug/L	100
3) Chloromethane	1.515	50	70339	4.683	ug/L	98
5) Vinyl chloride	1.602	62	79234	4.798	ug/L	98
6) Bromomethane	1.856	94	54333	4.965	ug/L	96
8) Chloroethane	1.930	64	56297	4.630	ug/L	100
9) Trichlorofluoromethane	2.132	101	110399	4.922	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	68925	5.175	ug/L	98
12) 1,1-Dichloroethene	2.573	96	64941	5.141	ug/L	99
13) Acetone	2.640	43	88476	47.407	ug/L	97
14) Carbon disulfide	2.788	76	213557	5.067	ug/L	100
15) Methyl Acetate	2.952	43	23667	5.121	ug/L	97
16) Methylene chloride	3.039	84	75280	5.057	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	173029	5.054	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	70357	5.037	ug/L	99
19) 1,1-Dichloroethane	3.859	63	134315	5.099	ug/L	99
21) 2-Butanone	4.705	43	148552	50.208	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	82203	5.152	ug/L	99
23) Bromochloromethane	4.965	128	35478	5.285	ug/L	97
25) Chloroform	5.078	83	139260	5.028	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	87914	5.023	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	125352	5.275	ug/L	99
30) Cyclohexane	5.380	56	126314	5.299	ug/L	99
31) Carbon tetrachloride	5.515	117	107769	5.300	ug/L	99
33) Benzene	5.766	78	312799	5.212	ug/L	100
34) Trichloroethene	6.534	95	84863	5.198	ug/L	97
35) Methylcyclohexane	6.756	83	139311	5.361	ug/L	100
37) 1,2-Dichloropropane	6.782	63	79600	5.232	ug/L	99
38) Bromodichloromethane	7.097	83	99744	5.181	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	123422	5.253	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	381167	50.343	ug/L	99
42) Toluene	7.962	91	341174	5.235	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	100094	5.228	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	56664	5.176	ug/L	99
47) Tetrachloroethene	8.547	164	62609	5.491	ug/L	99
48) 2-Hexanone	8.676	43	271558	50.720	ug/L	98
49) Dibromochloromethane	8.801	129	63164	5.087	ug/L	89
50) 1,2-Dibromoethane	8.917	107	54186	5.095	ug/L	92
51) Chlorobenzene	9.441	112	214251	5.201	ug/L	99
52) Ethylbenzene	9.563	91	376169	5.247	ug/L	99
53) m,p-Xylene	9.688	106	143900	5.269	ug/L	96
54) o-Xylene	10.094	106	136545	5.066	ug/L	98
55) Styrene	10.110	104	220907	5.112	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	65504	4.965	ug/L	100
59) Bromoform	10.283	173	34957	5.366	ug/L	99
60) Isopropylbenzene	10.476	105	369420	5.495	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	44779	5.108	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	296200	5.412	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	292535	5.407	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	153497	5.425	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	152983	5.304	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	140505	5.276	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	9340	5.074	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	108575	5.598	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	86539	5.529	ug/L	99
71) Naphthalene	14.081	128	134540	5.447	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	73504	5.613	ug/L	97

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

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