

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110124\
 Data File : VU061349.D
 Acq On : 01 Nov 2024 08:59
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005116

Quant Time: Nov 04 03:59:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	180500	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80876	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53935	4.399	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.907	69	55627	4.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.560	65	24973	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.624	46	121665	48.873	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.740%
24) Chloroform-d	5.055	84	113706	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.695	65	56812	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.721	84	231750	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.682	67	68451	4.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.891	98	217069	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.174	79	26551	4.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.627	63	110995	46.851	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.700%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52181	4.870	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	69863	4.878	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	57338	4.765	ug/L	98
3) Chloromethane	1.518	50	52759	4.158	ug/L	99
5) Vinyl chloride	1.599	62	62345	4.469	ug/L	100
6) Bromomethane	1.853	94	44291	4.791	ug/L	97
8) Chloroethane	1.930	64	49573	4.826	ug/L	100
9) Trichlorofluoromethane	2.133	101	90972	4.801	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60035	5.335	ug/L	99
12) 1,1-Dichloroethene	2.573	96	52319	4.903	ug/L	98
13) Acetone	2.641	43	76139	48.289	ug/L	100
14) Carbon disulfide	2.788	76	153372	4.308	ug/L	99
15) Methyl Acetate	2.952	43	20103	5.149	ug/L	95
16) Methylene chloride	3.039	84	60943	4.846	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	140551	4.860	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	57091	4.838	ug/L	96
19) 1,1-Dichloroethane	3.859	63	107532	4.832	ug/L	98
21) 2-Butanone	4.705	43	123657	49.470	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	65522	4.861	ug/L	99
23) Bromochloromethane	4.965	128	28489	5.023	ug/L	98
25) Chloroform	5.078	83	115033	4.916	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71469	4.833	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	97321	4.751	ug/L	98
30) Cyclohexane	5.380	56	95122	4.630	ug/L	99
31) Carbon tetrachloride	5.515	117	83147	4.744	ug/L	98
33) Benzene	5.766	78	252341	4.878	ug/L	100
34) Trichloroethene	6.534	95	68058	4.836	ug/L	99
35) Methylcyclohexane	6.756	83	106722	4.765	ug/L	98
37) 1,2-Dichloropropane	6.782	63	63435	4.838	ug/L	100
38) Bromodichloromethane	7.097	83	80223	4.834	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	96235	4.752	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	316196	48.450	ug/L	99
42) Toluene	7.962	91	275893	4.911	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	76697	4.648	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	47892	5.075	ug/L	99
47) Tetrachloroethene	8.547	164	49657	5.052	ug/L	98
48) 2-Hexanone	8.676	43	228679	49.552	ug/L	100
49) Dibromochloromethane	8.801	129	50982	4.763	ug/L	97
50) 1,2-Dibromoethane	8.917	107	44451	4.849	ug/L	92
51) Chlorobenzene	9.441	112	173727	4.892	ug/L	98
52) Ethylbenzene	9.563	91	300512	4.863	ug/L	99
53) m,p-Xylene	9.688	106	113216	4.809	ug/L	97
54) o-Xylene	10.094	106	111692	4.807	ug/L	98
55) Styrene	10.107	104	183001	4.913	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	56261	4.948	ug/L	98
59) Bromoform	10.283	173	27177	4.540	ug/L	100
60) Isopropylbenzene	10.476	105	298444	4.831	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38610	4.792	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	237872	4.729	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	236999	4.767	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	129467	4.979	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	129036	4.868	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	120082	4.907	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7093	4.193	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	91528	5.135	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	71278	4.955	ug/L	99
71) Naphthalene	14.081	128	98955	4.360	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	58527	4.863	ug/L	99

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

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