

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120224\
 Data File : VU062073.D
 Acq On : 02 Dec 2024 16:03
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005170

Quant Time: Dec 03 00:26:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 03 00:21:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	124420	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	117483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	61441	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23799	3.900	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.911	69	20152	3.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.560	65	10597	4.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.628	46	77447	40.411	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.820%
24) Chloroform-d	5.055	84	66940	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	33814	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.718	84	108306	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.682	67	36538	4.698	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.891	98	95155	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	8.174	79	14919	5.181	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.627	63	52395	39.867	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32505	4.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	40793	4.490	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	55531	5.101	ug/L	99
3) Chloromethane	1.518	50	46777	4.169	ug/L	98
5) Vinyl chloride	1.602	62	48578	4.214	ug/L	100
6) Bromomethane	1.856	94	30497	4.444	ug/L	98
8) Chloroethane	1.933	64	26456	3.559	ug/L	99
9) Trichlorofluoromethane	2.136	101	78699	5.397	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	43820	4.884	ug/L	92
12) 1,1-Dichloroethene	2.573	96	38211	4.580	ug/L	95
13) Acetone	2.647	43	61323	46.344	ug/L	96
14) Carbon disulfide	2.788	76	118914	4.480	ug/L	99
15) Methyl Acetate	2.956	43	14427	4.246	ug/L	97
16) Methylene chloride	3.039	84	42285	4.221	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	102914	4.812	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	41611	4.718	ug/L	93
19) 1,1-Dichloroethane	3.859	63	78190	4.551	ug/L	100
21) 2-Butanone	4.708	43	90143	42.151	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	47000	4.735	ug/L	95
23) Bromochloromethane	4.968	128	20148	4.669	ug/L	91
25) Chloroform	5.078	83	87228	4.857	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	52276	4.524	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	78290	5.781	ug/L	95
30) Cyclohexane	5.380	56	69881	4.934	ug/L	97
31) Carbon tetrachloride	5.515	117	71317	6.202	ug/L	97
33) Benzene	5.766	78	176531	4.976	ug/L	100
34) Trichloroethene	6.534	95	50365	5.319	ug/L	99
35) Methylcyclohexane	6.753	83	74264	5.127	ug/L	99
37) 1,2-Dichloropropane	6.782	63	46381	5.032	ug/L	100
38) Bromodichloromethane	7.097	83	59187	5.294	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	69442	5.373	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	222745	44.786	ug/L	95
42) Toluene	7.962	91	192633	5.174	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	57193	5.572	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	32619	4.803	ug/L	96
47) Tetrachloroethene	8.547	164	37773	5.485	ug/L	96
48) 2-Hexanone	8.679	43	159405	42.797	ug/L #	93
49) Dibromochloromethane	8.801	129	39098	5.450	ug/L	95
50) 1,2-Dibromoethane	8.917	107	31452	4.667	ug/L	96
51) Chlorobenzene	9.438	112	122561	4.806	ug/L	99
52) Ethylbenzene	9.563	91	217217	4.875	ug/L	97
53) m,p-Xylene	9.685	106	81835	5.205	ug/L	96
54) o-Xylene	10.094	106	78085	4.920	ug/L	98
55) Styrene	10.106	104	129306	4.946	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	40059	4.603	ug/L	100
59) Bromoform	10.283	173	23570	5.160	ug/L	97
60) Isopropylbenzene	10.476	105	216275	4.514	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	28430	4.002	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	179840	4.706	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	179184	4.703	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	96411	4.533	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	93549	4.545	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	87155	4.712	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6084	5.019	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	68216	5.391	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	49715	5.126	ug/L	96
71) Naphthalene	14.081	128	61785	3.952	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	40582	4.858	ug/L	99

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

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