

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062251.D
 Acq On : 11 Dec 2024 19:25
 Operator : MD/SY
 Sample : P5251-12MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7J41MS

Quant Time: Dec 12 00:30:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 00:24:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98465	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93631	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24450	3.681	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.911	69	20187	4.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	12153	3.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.631	46	64946	51.024	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.040%
24) Chloroform-d	5.055	84	66295	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.692	65	35068	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.718	84	117927	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	34887	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.888	98	109471	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.174	79	15142	4.458	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.624	63	49268	48.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30316	5.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	42327	4.669	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	45384	4.920	ug/L	97
3) Chloromethane	1.515	50	34219	4.733	ug/L	97
5) Vinyl chloride	1.599	62	36248	4.816	ug/L	100
6) Bromomethane	1.853	94	23432	4.670	ug/L	93
8) Chloroethane	1.930	64	20957	4.971	ug/L	97
9) Trichlorofluoromethane	2.133	101	65114	4.984	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33262	4.677	ug/L	90
12) 1,1-Dichloroethene	2.573	96	36844	5.542	ug/L	96
13) Acetone	2.647	43	52328	60.380	ug/L	99
14) Carbon disulfide	2.785	76	95642	4.549	ug/L	99
15) Methyl Acetate	2.952	43	10213	4.702	ug/L	90
16) Methylene chloride	3.036	84	35494	5.086	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	82967	5.010	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	34145	4.999	ug/L	93
19) 1,1-Dichloroethane	3.859	63	62509	4.993	ug/L	96
21) 2-Butanone	4.708	43	68235	54.216	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	38701	5.055	ug/L	98
23) Bromochloromethane	4.965	128	17876	5.326	ug/L #	79
25) Chloroform	5.078	83	72904	5.169	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45673	5.096	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	68021	5.164	ug/L	95
30) Cyclohexane	5.377	56	47887	4.484	ug/L	93
31) Carbon tetrachloride	5.515	117	61614	5.101	ug/L	98
33) Benzene	5.766	78	143727	4.953	ug/L	100
34) Trichloroethene	6.534	95	57939	7.049	ug/L	98
35) Methylcyclohexane	6.753	83	52209	4.284	ug/L	95
37) 1,2-Dichloropropane	6.782	63	35288	4.994	ug/L	100
38) Bromodichloromethane	7.097	83	50391	5.055	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	55748	4.922	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	169512	51.186	ug/L #	92
42) Toluene	7.962	91	156862	5.013	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	46690	5.048	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	27674	5.188	ug/L	96
47) Tetrachloroethene	8.544	164	30822	4.857	ug/L	96
48) 2-Hexanone	8.676	43	124647	50.930	ug/L #	94
49) Dibromochloromethane	8.801	129	34359	5.331	ug/L	95
50) 1,2-Dibromoethane	8.917	107	26595	5.188	ug/L #	98
51) Chlorobenzene	9.438	112	101078	5.042	ug/L	97
52) Ethylbenzene	9.563	91	171947	4.902	ug/L	99
53) m,p-Xylene	9.685	106	65422	5.051	ug/L	100
54) o-Xylene	10.090	106	62947	4.997	ug/L	99
55) Styrene	10.106	104	104565	5.036	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	31942	5.145	ug/L	99
59) Bromoform	10.280	173	20622	5.334	ug/L	99
60) Isopropylbenzene	10.476	105	171671	4.830	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	23018	5.059	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	140764	4.680	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	138648	4.705	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	78857	4.830	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	75855	4.614	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	72970	4.836	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5434	5.476	ug/L	88
69) 1,3,5-Trichlorobenzene	13.209	180	54782	4.514	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	41366	4.317	ug/L	98
71) Naphthalene	14.081	128	58888	4.093	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	36041	4.265	ug/L	100

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

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