

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111724\
 Data File : VU061799.D
 Acq On : 17 Nov 2024 21:16
 Operator : MD/SY
 Sample : P4829-03MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E29S4MS

Quant Time: Nov 18 00:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:04:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	169417	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	162262	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79979	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36662	3.349	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.908	69	37398	4.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.560	65	18210	3.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.615	46	116109	49.975	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.940%
24) Chloroform-d	5.052	84	101566	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.692	65	49592	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.718	84	197638	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.679	67	60923	4.602	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.888	98	182609	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.174	79	21434	4.395	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.624	63	104998	54.485	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53283	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	64048	4.496	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	42824	3.401	ug/L	100
3) Chloromethane	1.518	50	43464	3.805	ug/L	100
5) Vinyl chloride	1.602	62	49648	3.938	ug/L #	63
6) Bromomethane	1.850	94	32868	4.370	ug/L	99
8) Chloroethane	1.927	64	36721	4.199	ug/L	92
9) Trichlorofluoromethane	2.133	101	74083	3.998	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46945	4.285	ug/L	97
12) 1,1-Dichloroethene	2.573	96	43356	4.239	ug/L	94
13) Acetone	2.625	43	66720	45.581	ug/L	95
14) Carbon disulfide	2.789	76	103959	3.165	ug/L	100
15) Methyl Acetate	2.949	43	15636	4.275	ug/L	96
16) Methylene chloride	3.036	84	52414	4.447	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	121053	4.829	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	46156	4.114	ug/L	98
19) 1,1-Dichloroethane	3.859	63	95224	4.656	ug/L	98
21) 2-Butanone	4.695	43	115529	48.326	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	67081	5.302	ug/L	98
23) Bromochloromethane	4.965	128	26229	4.668	ug/L	97
25) Chloroform	5.075	83	107067	4.967	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64879	4.796	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	85119	4.610	ug/L	99
30) Cyclohexane	5.377	56	70031	3.797	ug/L	97
31) Carbon tetrachloride	5.515	117	71160	4.525	ug/L	99
33) Benzene	5.766	78	224665	4.575	ug/L	100
34) Trichloroethene	6.534	95	84347	6.361	ug/L	94
35) Methylcyclohexane	6.753	83	76247	3.813	ug/L	98
37) 1,2-Dichloropropane	6.779	63	59960	4.813	ug/L	100
38) Bromodichloromethane	7.097	83	70999	4.749	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	78992	4.455	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	301902	50.539	ug/L	99
42) Toluene	7.962	91	243411	4.604	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	65755	4.675	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	47131	5.189	ug/L	96
47) Tetrachloroethene	8.544	164	241690	24.256	ug/L	97
48) 2-Hexanone	8.676	43	221022	51.746	ug/L	99
49) Dibromochloromethane	8.801	129	47012	4.936	ug/L	98
50) 1,2-Dibromoethane	8.914	107	42167	4.922	ug/L	100
51) Chlorobenzene	9.438	112	162244	4.767	ug/L	100
52) Ethylbenzene	9.563	91	257958	4.580	ug/L	99
53) m,p-Xylene	9.685	106	97610	4.529	ug/L	98
54) o-Xylene	10.090	106	98463	4.701	ug/L	100
55) Styrene	10.107	104	160290	4.806	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	57365	5.190	ug/L	96
59) Bromoform	10.280	173	25217	4.764	ug/L	98
60) Isopropylbenzene	10.476	105	258306	4.657	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38298	5.083	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	197682	4.451	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	197421	4.567	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	118164	4.645	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	118793	4.599	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	113186	4.785	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	6496	4.938	ug/L	99
69) 1,3,5-Trichlorobenzene	13.213	180	79332	4.467	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	63386	4.605	ug/L	98
71) Naphthalene	14.081	128	93490	4.731	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	55095	4.768	ug/L	100

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

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