

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112524\
 Data File : VU062030.D
 Acq On : 25 Nov 2024 18:12
 Operator : MD/SY
 Sample : P4996-02MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHF70MS

Quant Time: Nov 26 03:48:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	135945	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	127722	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	66998	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29170	4.374	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.904	69	21739	3.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.560	65	13258	4.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	4.618	46	64382	30.746	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.500%
24) Chloroform-d	5.052	84	65665	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.695	65	32107	3.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
32) Benzene-d6	5.718	84	118441	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.679	67	36525	4.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.891	98	113430	5.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
43) trans-1,3-Dichloroprop...	8.174	79	14685	4.691	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.624	63	47163	33.009	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29514	3.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	41627	4.202	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	60552	5.091	ug/L	97
3) Chloromethane	1.515	50	50117	4.088	ug/L	99
5) Vinyl chloride	1.599	62	49434	3.925	ug/L	96
6) Bromomethane	1.850	94	31318	4.177	ug/L	99
8) Chloroethane	1.927	64	30083	3.704	ug/L	100
9) Trichlorofluoromethane	2.133	101	81443	5.112	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	45566	4.648	ug/L	92
12) 1,1-Dichloroethene	2.573	96	40875	4.483	ug/L	95
13) Acetone	2.621	43	58003	40.119	ug/L	92
14) Carbon disulfide	2.785	76	123611	4.262	ug/L	99
15) Methyl Acetate	2.946	43	14919	4.019	ug/L	93
16) Methylene chloride	3.036	84	45617	4.167	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	108636	4.649	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	44474	4.615	ug/L	90
19) 1,1-Dichloroethane	3.856	63	82270	4.382	ug/L	98
21) 2-Butanone	4.692	43	94474	40.432	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	49931	4.604	ug/L	99
23) Bromochloromethane	4.965	128	22811	4.838	ug/L #	84
25) Chloroform	5.078	83	90180	4.595	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56686	4.490	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	80796	5.488	ug/L	95
30) Cyclohexane	5.377	56	71166	4.622	ug/L	96
31) Carbon tetrachloride	5.515	117	72319	5.785	ug/L	100
33) Benzene	5.763	78	187874	4.871	ug/L	100
34) Trichloroethene	6.534	95	59110	5.742	ug/L	98
35) Methylcyclohexane	6.753	83	77136	4.898	ug/L	96
37) 1,2-Dichloropropane	6.782	63	48934	4.883	ug/L	98
38) Bromodichloromethane	7.097	83	63626	5.235	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	71789	5.109	ug/L	97
40) 4-Methyl-2-pentanone	7.779	43	238096	44.035	ug/L	94
42) Toluene	7.962	91	203986	5.039	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	58772	5.267	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	36075	4.887	ug/L	99
47) Tetrachloroethene	8.544	164	39219	5.238	ug/L	99
48) 2-Hexanone	8.676	43	170831	42.187	ug/L #	93
49) Dibromochloromethane	8.801	129	41913	5.374	ug/L	94
50) 1,2-Dibromoethane	8.917	107	34250	4.674	ug/L #	98
51) Chlorobenzene	9.438	112	128669	4.641	ug/L	97
52) Ethylbenzene	9.560	91	224390	4.632	ug/L	99
53) m,p-Xylene	9.685	106	84193	4.926	ug/L	96
54) o-Xylene	10.090	106	82105	4.759	ug/L	99
55) Styrene	10.107	104	112547	3.960	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	43195	4.566	ug/L	99
59) Bromoform	10.283	173	24334	4.886	ug/L	96
60) Isopropylbenzene	10.476	105	225622	4.319	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	29945	3.866	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	184763	4.434	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	180554	4.346	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	100716	4.343	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	99617	4.438	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	94801	4.700	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	6448	4.878	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.209	180	72486	5.253	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	54924	5.193	ug/L	95
71) Naphthalene	14.081	128	76272	4.474	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	48911	5.370	ug/L	98

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

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