

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120624\
 Data File : VU062119.D
 Acq On : 05 Dec 2024 23:40
 Operator : MD/SY
 Sample : P5104-21MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHJ96MS

Quant Time: Dec 06 02:33:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	106068	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	100909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	52817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20283	3.898	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.911	69	18668	4.056	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.560	65	9268	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.628	46	72571	44.418	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.840%
24) Chloroform-d	5.052	84	64335	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.692	65	31660	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.718	84	100206	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.679	67	33743	5.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.888	98	87954	5.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
43) trans-1,3-Dichloroprop...	8.171	79	13796	5.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.600%
46) 2-Hexanone-d5	8.624	63	51187	45.345	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.680%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	31974	4.790	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	40561	5.194	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	48565	5.233	ug/L	97
3) Chloromethane	1.515	50	37233	3.893	ug/L	100
5) Vinyl chloride	1.599	62	39389	4.008	ug/L	100
6) Bromomethane	1.853	94	25814	4.413	ug/L	98
8) Chloroethane	1.930	64	22173	3.499	ug/L	94
9) Trichlorofluoromethane	2.133	101	66963	5.387	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	36330	4.750	ug/L	93
12) 1,1-Dichloroethene	2.573	96	33450	4.703	ug/L	92
13) Acetone	2.647	43	48515	43.009	ug/L	96
14) Carbon disulfide	2.785	76	95652	4.227	ug/L	99
15) Methyl Acetate	2.956	43	9422	3.253	ug/L #	78
16) Methylene chloride	3.036	84	36529	4.277	ug/L	91
17) Methyl tert-butyl Ether	3.355	73	86860	4.764	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	34844	4.634	ug/L	95
19) 1,1-Dichloroethane	3.859	63	66494	4.539	ug/L	99
21) 2-Butanone	4.708	43	72623	39.835	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	40168	4.747	ug/L	97
23) Bromochloromethane	4.962	128	18014	4.897	ug/L #	85
25) Chloroform	5.078	83	75510	4.932	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	45925	4.663	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	68962	5.929	ug/L	95
30) Cyclohexane	5.377	56	54978	4.519	ug/L	94
31) Carbon tetrachloride	5.512	117	61005	6.177	ug/L	99
33) Benzene	5.763	78	149672	4.911	ug/L	100
34) Trichloroethene	6.534	95	41490	5.101	ug/L	96
35) Methylcyclohexane	6.750	83	59194	4.758	ug/L	97
37) 1,2-Dichloropropane	6.779	63	38496	4.862	ug/L	100
38) Bromodichloromethane	7.094	83	52295	5.446	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	58557	5.275	ug/L	97
40) 4-Methyl-2-pentanone	7.779	43	183596	42.978	ug/L #	93
42) Toluene	7.959	91	164964	5.158	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	46567	5.282	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	29073	4.984	ug/L	97
47) Tetrachloroethene	8.544	164	32289	5.458	ug/L	98
48) 2-Hexanone	8.676	43	130974	40.939	ug/L #	94
49) Dibromochloromethane	8.798	129	33873	5.497	ug/L	96
50) 1,2-Dibromoethane	8.914	107	27288	4.714	ug/L #	100
51) Chlorobenzene	9.438	112	104719	4.781	ug/L	99
52) Ethylbenzene	9.560	91	184250	4.814	ug/L	98
53) m,p-Xylene	9.685	106	66960	4.958	ug/L	94
54) o-Xylene	10.091	106	66953	4.912	ug/L	99
55) Styrene	10.107	104	107658	4.794	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	33917	4.538	ug/L	99
59) Bromoform	10.280	173	19743	5.028	ug/L	99
60) Isopropylbenzene	10.473	105	184591	4.482	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	24398	3.996	ug/L	96
62) 1,3,5-Trimethylbenzene	11.078	105	153815	4.682	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	151856	4.636	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	81724	4.470	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	79233	4.478	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	76712	4.825	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	5383	5.166	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	58739	5.400	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	43281	5.191	ug/L	99
71) Naphthalene	14.081	128	58559	4.358	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	37813	5.266	ug/L	99

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

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