

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
 Data File : VU062143.D
 Acq On : 06 Dec 2024 18:56
 Operator : MD/SY
 Sample : P5109-04MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHJA2MS

Quant Time: Dec 06 23:17:21 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	6.238	114	107810	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	103285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18266	3.454	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.907	69	15263	3.263	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.200%
11) 1,1-Dichloroethene-d2	2.560	65	8485	4.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.621	46	68104	41.011	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.020%
24) Chloroform-d	5.052	84	61029	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	31528	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.718	84	94882	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.679	67	31277	4.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.888	98	83977	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	8.171	79	13540	5.349	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.000%
46) 2-Hexanone-d5	8.624	63	48404	41.893	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29436	4.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	38716	4.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	42619	4.518	ug/L	98
3) Chloromethane	1.515	50	33849	3.482	ug/L	98
5) Vinyl chloride	1.599	62	35044	3.508	ug/L	99
6) Bromomethane	1.853	94	23153	3.894	ug/L	96
8) Chloroethane	1.927	64	19026	2.954	ug/L	97
9) Trichlorofluoromethane	2.132	101	62783	4.969	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31159	4.008	ug/L	92
12) 1,1-Dichloroethene	2.573	96	30696	4.246	ug/L	90
13) Acetone	2.637	43	44554	38.859	ug/L	92
14) Carbon disulfide	2.785	76	85167	3.703	ug/L	99
15) Methyl Acetate	2.952	43	9810	3.332	ug/L	91
16) Methylene chloride	3.036	84	34781	4.006	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	82325	4.443	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	32332	4.230	ug/L	86
19) 1,1-Dichloroethane	3.859	63	61196	4.110	ug/L	99
21) 2-Butanone	4.701	43	65977	35.604	ug/L	92
22) cis-1,2-Dichloroethene	4.656	96	37431	4.352	ug/L	99
23) Bromochloromethane	4.965	128	16814	4.497	ug/L #	82
25) Chloroform	5.078	83	72499	4.658	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	43736	4.369	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	64825	5.445	ug/L	95
30) Cyclohexane	5.377	56	48334	3.882	ug/L	92
31) Carbon tetrachloride	5.515	117	58046	5.742	ug/L	98
33) Benzene	5.763	78	140394	4.501	ug/L	100
34) Trichloroethene	6.531	95	37441	4.497	ug/L	95
35) Methylcyclohexane	6.753	83	50584	3.972	ug/L	96
37) 1,2-Dichloropropane	6.779	63	35118	4.334	ug/L	99
38) Bromodichloromethane	7.094	83	48973	4.983	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	53585	4.716	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	168414	38.517	ug/L #	93
42) Toluene	7.959	91	152613	4.662	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	44357	4.916	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	27001	4.523	ug/L	98
47) Tetrachloroethene	8.544	164	28694	4.739	ug/L	96
48) 2-Hexanone	8.676	43	126953	38.769	ug/L #	96
49) Dibromochloromethane	8.801	129	31821	5.046	ug/L	91
50) 1,2-Dibromoethane	8.914	107	25616	4.323	ug/L #	100
51) Chlorobenzene	9.438	112	96876	4.321	ug/L	97
52) Ethylbenzene	9.560	91	166904	4.261	ug/L	98
53) m,p-Xylene	9.685	106	62691	4.535	ug/L	99
54) o-Xylene	10.090	106	61442	4.404	ug/L	98
55) Styrene	10.106	104	97382	4.237	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	31841	4.162	ug/L	97
59) Bromoform	10.280	173	19109	4.856	ug/L	98
60) Isopropylbenzene	10.476	105	165556	4.012	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	22229	3.633	ug/L	96
62) 1,3,5-Trimethylbenzene	11.077	105	135694	4.122	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	133316	4.062	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	74992	4.093	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	73517	4.146	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	70042	4.396	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5064	4.849	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	50539	4.636	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	39654	4.746	ug/L	99
71) Naphthalene	14.081	128	54787	4.068	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	34056	4.733	ug/L	99

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

