

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060372.D
 Acq On : 09 Aug 2024 13:08
 Operator : MD/SY
 Sample : P3401-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GG3MS

Quant Time: Aug 10 04:53:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 10 04:43:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	109461	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	113225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	55559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39286	4.572	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.908	69	36258	4.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.560	65	16285	4.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.631	46	104990	57.577	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.160%
24) Chloroform-d	5.055	84	81857	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.695	65	38844	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.721	84	160301	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.682	67	53555	5.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.891	98	145146	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.174	79	15479	4.521	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.628	63	76850	50.573	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.140%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	43463	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	50134	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.384	85	27946	4.733	ug/L	96
3) Chloromethane	1.519	50	40265	5.482	ug/L	98
5) Vinyl chloride	1.599	62	139004	16.165	ug/L	96
6) Bromomethane	1.853	94	28502	4.681	ug/L	98
8) Chloroethane	1.930	64	30137	5.167	ug/L	100
9) Trichlorofluoromethane	2.130	101	59935	4.972	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	34958	4.400	ug/L	99
12) 1,1-Dichloroethene	2.573	96	41840	5.797	ug/L	85
13) Acetone	2.650	43	68987	55.403	ug/L	98
14) Carbon disulfide	2.785	76	88148	4.841	ug/L	99
16) Methylene chloride	3.036	84	46535	4.536	ug/L	97
17) Methyl tert-butyl Ether	3.355	73	98199	5.771	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	60946	8.608	ug/L	99
19) 1,1-Dichloroethane	3.859	63	80249	5.490	ug/L	98
21) 2-Butanone	4.711	43	104726	56.429	ug/L	95
22) cis-1,2-Dichloroethene	4.654	96	1607000	188.010	ug/L	95
23) Bromochloromethane	4.969	128	20256	5.135	ug/L	94
25) Chloroform	5.081	83	86484	5.439	ug/L	99
27) 1,2-Dichloroethane	5.785	62	52257	6.179	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.309	97	63714	5.140	ug/L	97
30) Cyclohexane	5.377	56	44083	4.393	ug/L	97
31) Carbon tetrachloride	5.515	117	53923	4.964	ug/L	98
33) Benzene	5.766	78	189033	5.799	ug/L	100
34) Trichloroethene	6.535	95	578667	67.814	ug/L	98
35) Methylcyclohexane	6.756	83	43303	3.886	ug/L	98
37) 1,2-Dichloropropane	6.782	63	48146	5.427	ug/L	99
38) Bromodichloromethane	7.097	83	59186	5.397	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	56501	4.689	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	246798	59.593	ug/L	97
42) Toluene	7.962	91	193274	5.611	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	47757	4.797	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	37178	5.472	ug/L	98
47) Tetrachloroethene	8.547	164	30198	4.524	ug/L	97
48) 2-Hexanone	8.679	43	188612	60.077	ug/L	97
49) Dibromochloromethane	8.801	129	38964	5.393	ug/L	94
50) 1,2-Dibromoethane	8.917	107	33233	5.494	ug/L	98
51) Chlorobenzene	9.441	112	114861	4.943	ug/L	97
52) Ethylbenzene	9.563	91	174303	4.803	ug/L	100
53) m,p-Xylene	9.689	106	67046	4.861	ug/L	97
54) o-Xylene	10.094	106	65982	4.999	ug/L	97
55) Styrene	10.107	104	111462	4.881	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	46551	5.510	ug/L	98
59) Bromoform	10.284	173	24083	5.708	ug/L	98
60) Isopropylbenzene	10.476	105	165475	4.933	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	31579	5.871	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	123712	4.790	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	122667	4.820	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	85350	4.992	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	86030	4.992	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	83807	5.191	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6138	6.087	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	55287	4.279	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	43533	4.292	ug/L	99
71) Naphthalene	14.081	128	70315	4.875	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	40943	4.505	ug/L	96

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

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