

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060373.D
 Acq On : 09 Aug 2024 13:31
 Operator : MD/SY
 Sample : P3401-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GG3MSD

Quant Time: Aug 10 04:54:18 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	110432	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	113323	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	43899	5.064	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.911	69	40349	5.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.560	65	18705	5.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.634	46	113299	61.587	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.180%
24) Chloroform-d	5.055	84	90684	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.695	65	40758	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.721	84	178294	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.685	67	58009	5.472	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.400%
41) Toluene-d8	7.891	98	163534	5.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
43) trans-1,3-Dichloroprop...	8.177	79	17084	4.985	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.631	63	87858	57.767	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	48389	5.563	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	56974	5.361	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	30747	5.161	ug/L	98
3) Chloromethane	1.518	50	42111	5.683	ug/L	100
5) Vinyl chloride	1.602	62	144927	16.705	ug/L	98
6) Bromomethane	1.856	94	28715	4.674	ug/L	93
8) Chloroethane	1.930	64	30598	5.200	ug/L	100
9) Trichlorofluoromethane	2.132	101	63123	5.190	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	39450	4.922	ug/L	98
12) 1,1-Dichloroethene	2.573	96	43641	5.993	ug/L	91
13) Acetone	2.650	43	78002	62.092	ug/L	97
14) Carbon disulfide	2.788	76	90914	4.949	ug/L	99
16) Methylene chloride	3.036	84	46191	4.462	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	100547	5.857	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	59529	8.334	ug/L	98
19) 1,1-Dichloroethane	3.862	63	82478	5.592	ug/L	99
21) 2-Butanone	4.714	43	106776	57.027	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	1612497	186.994	ug/L	95
23) Bromochloromethane	4.968	128	21266	5.343	ug/L	99
25) Chloroform	5.081	83	86737	5.407	ug/L	98
27) 1,2-Dichloroethane	5.788	62	52253	6.124	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.309	97	65730	5.298	ug/L	98
30) Cyclohexane	5.380	56	53921	5.369	ug/L	97
31) Carbon tetrachloride	5.515	117	56478	5.195	ug/L	99
33) Benzene	5.766	78	192143	5.889	ug/L	100
34) Trichloroethene	6.534	95	594432	69.601	ug/L	99
35) Methylcyclohexane	6.756	83	56755	5.089	ug/L	97
37) 1,2-Dichloropropane	6.785	63	50325	5.668	ug/L	99
38) Bromodichloromethane	7.100	83	60282	5.493	ug/L	93
39) cis-1,3-Dichloropropene	7.602	75	59330	4.919	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	253591	61.181	ug/L	98
42) Toluene	7.962	91	201295	5.839	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	49611	4.979	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	37698	5.544	ug/L	96
47) Tetrachloroethene	8.547	164	32070	4.801	ug/L	98
48) 2-Hexanone	8.679	43	189443	60.290	ug/L	99
49) Dibromochloromethane	8.801	129	40115	5.547	ug/L	98
50) 1,2-Dibromoethane	8.917	107	32588	5.383	ug/L	98
51) Chlorobenzene	9.441	112	120744	5.191	ug/L	96
52) Ethylbenzene	9.563	91	189769	5.225	ug/L	99
53) m,p-Xylene	9.688	106	72187	5.229	ug/L	99
54) o-Xylene	10.094	106	70941	5.371	ug/L	99
55) Styrene	10.110	104	119551	5.231	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	47495	5.616	ug/L	99
59) Bromoform	10.283	173	24582	5.612	ug/L	99
60) Isopropylbenzene	10.479	105	185127	5.315	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	31747	5.684	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	139400	5.198	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	140466	5.315	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	93753	5.281	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	92530	5.171	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	91084	5.434	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	6557	6.263	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	62924	4.691	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	49829	4.731	ug/L	99
71) Naphthalene	14.080	128	82754	5.526	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	47160	4.998	ug/L	98

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

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