

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058347.D
 Acq On : 02 Apr 2024 19:18
 Operator : MD/SY
 Sample : P1912-12MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOE1MSD

Quant Time: Apr 03 02:06:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76275	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21535	3.341	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.907	69	21373	4.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.560	65	9570	3.576	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.624	46	58362	50.966	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.940%
24) Chloroform-d	5.055	84	50134	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.692	65	24220	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.717	84	97817	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.682	67	30702	4.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.891	98	85988	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.174	79	9300	4.097	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.627	63	44613	48.526	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21418	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	28177	4.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	10527	3.351	ug/L	97
3) Chloromethane	1.515	50	14161	3.536	ug/L	93
5) Vinyl chloride	1.599	62	16450	3.762	ug/L	98
6) Bromomethane	1.853	94	6517	2.779	ug/L	98
8) Chloroethane	1.927	64	12983	4.502	ug/L	97
9) Trichlorofluoromethane	2.132	101	28972	4.077	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	18780	4.117	ug/L	98
12) 1,1-Dichloroethene	2.573	96	15093	3.947	ug/L	95
13) Acetone	2.637	43	32323	43.614	ug/L	100
14) Carbon disulfide	2.788	76	27562	3.226	ug/L	98
15) Methyl Acetate	2.949	43	7291	4.739	ug/L	100
16) Methylene chloride	3.036	84	20109	3.711	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	44947	4.380	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	15820	3.959	ug/L	99
19) 1,1-Dichloroethane	3.859	63	40546	4.516	ug/L	99
21) 2-Butanone	4.705	43	49507	43.969	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	22871	4.631	ug/L	100
23) Bromochloromethane	4.968	128	8439	4.580	ug/L	96
25) Chloroform	5.078	83	42405	4.503	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	23472	4.391	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	32227	4.211	ug/L	96
30) Cyclohexane	5.377	56	24335	3.641	ug/L	96
31) Carbon tetrachloride	5.515	117	26325	4.041	ug/L	100
33) Benzene	5.766	78	82087	4.223	ug/L	100
34) Trichloroethene	6.534	95	21458	4.237	ug/L	97
35) Methylcyclohexane	6.756	83	25514	3.612	ug/L	99
37) 1,2-Dichloropropane	6.782	63	24604	4.531	ug/L #	98
38) Bromodichloromethane	7.100	83	28726	4.615	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	30437	4.419	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	127038	46.266	ug/L	99
42) Toluene	7.962	91	86438	4.208	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	24274	4.479	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	15574	4.553	ug/L	97
47) Tetrachloroethene	8.547	164	21092	6.218	ug/L	95
48) 2-Hexanone	8.679	43	92353	46.185	ug/L	95
49) Dibromochloromethane	8.801	129	16995	4.541	ug/L	94
50) 1,2-Dibromoethane	8.917	107	13569	4.608	ug/L	96
51) Chlorobenzene	9.441	112	58508	4.421	ug/L	98
52) Ethylbenzene	9.563	91	97475	4.250	ug/L	100
53) m,p-Xylene	9.688	106	35455	4.339	ug/L	94
54) o-Xylene	10.094	106	35472	4.300	ug/L	99
55) Styrene	10.110	104	58585	4.498	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	19472	4.830	ug/L	99
59) Bromoform	10.283	173	8694	4.524	ug/L #	93
60) Isopropylbenzene	10.476	105	92847	4.224	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	13524	4.414	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	75815	4.110	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	78049	4.260	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	45005	4.396	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	44777	4.526	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	41892	4.425	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	2409	5.214	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	32643	4.560	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	25972	4.864	ug/L	97
71) Naphthalene	14.084	128	35624	4.899	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	21874	5.003	ug/L	98

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

