

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U062724\
 Data File : VU059554.D
 Acq On : 27 Jun 2024 11:40
 Operator : MD/SY
 Sample : P3062-03MSD 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 28 04:07:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 27 04:10:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	210122	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	210963	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	112191	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56619	45.004	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.000%		
7) Chloroethane-d5	1.907	69	50218	46.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.200%		
11) 1,1-Dichloroethene-d2	2.563	63	111195	44.777	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.560%		
21) 2-Butanone-d5	4.608	46	97397	82.134	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.130%		
24) Chloroform-d	5.052	84	119103	47.555	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.120%		
26) 1,2-Dichloroethane-d4	5.692	65	71411	46.520	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.040%		
32) Benzene-d6	5.718	84	235016	48.538	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.080%		
36) 1,2-Dichloropropane-d6	6.682	67	73736	44.167	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.340%		
41) Toluene-d8	7.891	98	217550	52.927	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.860%		
43) trans-1,3-Dichloroprop...	8.171	79	33340	49.405	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.800%		
47) 2-Hexanone-d5	8.624	63	65729	85.139	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.140%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	126811	44.881	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.760%		
66) 1,2-Dichlorobenzene-d4	12.187	152	85825	51.261	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	91532	42.993	ug/L	99
3) Chloromethane	1.518	50	96022	39.025	ug/L	99
5) Vinyl chloride	1.602	62	105496	43.633	ug/L	99
6) Bromomethane	1.850	94	72424	37.442	ug/L	99
8) Chloroethane	1.927	64	67584	44.825	ug/L	99
9) Trichlorofluoromethane	2.133	101	135978	48.330	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	85354	52.142	ug/L	89
12) 1,1-Dichloroethene	2.573	96	78800	53.074	ug/L	81
13) Acetone	2.615	43	87859	63.034	ug/L	96
14) Carbon disulfide	2.785	76	222617	44.521	ug/L	99
15) Methyl Acetate	2.936	43	97189	44.019	ug/L	91
16) Methylene chloride	3.036	84	98353	48.958	ug/L	87
17) trans-1,2-Dichloroethene	3.345	96	83225	51.935	ug/L	89
18) Methyl tert-butyl Ether	3.351	73	253065	48.616	ug/L	96
19) 1,1-Dichloroethane	3.859	63	157864	45.959	ug/L	96
20) cis-1,2-Dichloroethene	4.657	96	97349	53.310	ug/L	85
22) 2-Butanone	4.689	43	142779	84.610	ug/L	94
23) Bromochloromethane	4.965	128	52880	57.169	ug/L	82
25) Chloroform	5.078	83	169245	50.886	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	128771	45.831	ug/L	96
29) Cyclohexane	5.380	56	116601	41.400	ug/L	92
30) 1,1,1-Trichloroethane	5.306	97	135364	49.350	ug/L	97
31) Carbon tetrachloride	5.515	117	112714	50.590	ug/L	99
33) Benzene	5.766	78	363843	47.763	ug/L	100
34) Trichloroethene	6.534	95	93918	50.351	ug/L	89
35) Methylcyclohexane	6.756	83	130462	47.570	ug/L	93
37) 1,2-Dichloropropane	6.782	63	98717	45.636	ug/L #	97
38) Bromodichloromethane	7.097	83	126681	50.277	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	147341	49.230	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	263923	93.067	ug/L #	94
42) Toluene	7.962	91	397392	51.970	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	137202	50.637	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	103357	53.143	ug/L	97
46) Tetrachloroethene	8.547	164	74184	59.709	ug/L	88
48) 2-Hexanone	8.676	43	209706	87.679	ug/L #	93
49) Dibromochloromethane	8.801	129	102112	58.096	ug/L	98
50) 1,2-Dibromoethane	8.917	107	109722	54.691	ug/L	98
51) Chlorobenzene	9.441	112	251147	54.419	ug/L	95
52) Ethylbenzene	9.563	91	407179	51.652	ug/L	99
53) m,p-Xylene	9.689	106	158869	54.835	ug/L	90
54) o-Xylene	10.094	106	154725	55.105	ug/L	90
55) Styrene	10.107	104	274698	57.556	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	179516	50.669	ug/L	99
59) Bromoform	10.283	173	86221	58.614	ug/L	98
60) 1,2,3-Trichloropropane	10.814	75	137260	43.995	ug/L	97
61) Isopropylbenzene	10.476	105	399410	50.603	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	284006	49.662	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	309647	49.948	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	202566	54.911	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	204606	53.705	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	201920	52.370	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	41880	52.950	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.213	180	136632	56.082	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	119036	61.174	ug/L	99
71) Naphthalene	14.081	128	389409	63.224	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	129978	65.703	ug/L	98

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

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