Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059874.D
Acq On : 08 Jul 2024 11:34
Operator : MD/SY
Sample : P3137-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZE7MSD

Quant Time: Jul 09 02:34:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 09 02:28:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	143052	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145774	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74664	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42379	4.260	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.200%			
7) Chloroethane-d5	1.907	69	38624	4.035	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.800%			
11) 1,1-Dichloroethene-d2	2.557	65	16423	3.980	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.600%			
20) 2-Butanone-d5	4.637	46	88407	43.147	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.300%			
24) Chloroform-d	5.055	84	93497	4.579	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
26) 1,2-Dichloroethane-d4	5.695	65	44280	4.502	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.000%			
32) Benzene-d6	5.721	84	175367	4.371	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
36) 1,2-Dichloropropane-d6	6.682	67	56289	4.579	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.600%			
41) Toluene-d8	7.894	98	156860	4.206	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.200%			
43) trans-1,3-Dichloroprop...	8.177	79	13139	3.413	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.200%			
46) 2-Hexanone-d5	8.630	63	82934	51.851	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.700%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50912	5.012	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	60098	4.522	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	47302	3.902	ug/L	98
3) Chloromethane	1.515	50	68545	5.254	ug/L	99
5) Vinyl chloride	1.599	62	73893	5.127	ug/L	99
6) Bromomethane	1.853	94	37359	3.728	ug/L	93
8) Chloroethane	1.927	64	46647	5.372	ug/L	99
9) Trichlorofluoromethane	2.129	101	85263	4.915	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	45610	4.153	ug/L	93
12) 1,1-Dichloroethene	2.570	96	52141	5.139	ug/L	84
13) Acetone	2.653	43	53139	39.980	ug/L	94
14) Carbon disulfide	2.785	76	153094	4.523	ug/L	100
15) Methyl Acetate	2.959	43	8206	2.340	ug/L #	78
16) Methylene chloride	3.036	84	63725	5.300	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	115277	5.273	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	53497	5.070	ug/L	90
19) 1,1-Dichloroethane	3.859	63	105647	5.430	ug/L	95
21) 2-Butanone	4.714	43	94641	44.393	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	60687	5.218	ug/L	93
23) Bromochloromethane	4.968	128	29770	5.615	ug/L	89
25) Chloroform	5.081	83	109956	5.365	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	63147	5.085	ug/L		98
29) 1,1,1-Trichloroethane	5.309	97	86013	5.110	ug/L		98
30) Cyclohexane	5.380	56	60662	4.082	ug/L		95
31) Carbon tetrachloride	5.518	117	70139	4.976	ug/L		98
33) Benzene	5.766	78	236510	5.343	ug/L		100
34) Trichloroethene	6.537	95	58598	4.888	ug/L		97
35) Methylcyclohexane	6.756	83	61818	3.624	ug/L		96
37) 1,2-Dichloropropane	6.785	63	63040	5.503	ug/L	#	97
38) Bromodichloromethane	7.100	83	78262	5.473	ug/L		98
39) cis-1,3-Dichloropropene	7.602	75	52724	3.365	ug/L		100
40) 4-Methyl-2-pentanone	7.785	43	289727	54.580	ug/L		96
42) Toluene	7.965	91	249000	5.313	ug/L		100
44) trans-1,3-Dichloropropene	8.206	75	43126	3.430	ug/L		100
45) 1,1,2-Trichloroethane	8.396	97	48054	5.692	ug/L		96
47) Tetrachloroethene	8.547	164	45583	4.900	ug/L		95
48) 2-Hexanone	8.679	43	209987	55.428	ug/L	#	94
49) Dibromochloromethane	8.804	129	52041	5.565	ug/L		97
50) 1,2-Dibromoethane	8.920	107	43145	5.534	ug/L		98
51) Chlorobenzene	9.441	112	153464	5.163	ug/L		96
52) Ethylbenzene	9.566	91	234897	4.886	ug/L		94
53) m,p-Xylene	9.688	106	91092	4.933	ug/L		99
54) o-Xylene	10.097	106	90176	5.146	ug/L		94
55) Styrene	10.110	104	154665	5.185	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.775	83	57912	5.655	ug/L		97
59) Bromoform	10.286	173	31890	5.581	ug/L		99
60) Isopropylbenzene	10.479	105	224422	4.866	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	37853	5.486	ug/L		96
62) 1,3,5-Trimethylbenzene	11.084	105	170264	4.660	ug/L		99
63) 1,2,4-Trimethylbenzene	11.463	105	164275	4.702	ug/L		98
64) 1,3-Dichlorobenzene	11.740	146	120795	5.149	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	119018	4.929	ug/L		97
67) 1,2-Dichlorobenzene	12.206	146	113062	5.122	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.990	75	7579	5.632	ug/L		88
69) 1,3,5-Trichlorobenzene	13.216	180	80856	4.656	ug/L		97
70) 1,2,4-trichlorobenzene	13.836	180	64978	4.878	ug/L		98
71) Naphthalene	14.084	128	93460	4.902	ug/L		99
72) 1,2,3-Trichlorobenzene	14.325	180	62460	5.050	ug/L		98

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

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