Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044658.D
Acq On : 19 Mar 2024 11:21
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020076

Quant Time: Mar 19 11:58:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	190187	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	780163	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.339	164	441745	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	813622	20.000	ng/ul	0.00
79) Chrysene-d12	21.291	240	705774	20.000	ng/ul	0.00
88) Perylene-d12	23.538	264	815056	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	43128	7.691	ng/uL	0.00
4) Pyridine-d5	3.651	84	296132	17.942	ng/ul	0.00
7) Phenol-d5	6.869	99	353453	18.076	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	233486	19.332	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	275696	19.187	ng/ul	0.00
15) 4-Methylphenol-d8	8.398	113	269144	17.527	ng/ul	0.00
21) Nitrobenzene-d5	8.857	128	133273	20.287	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	139825	19.744	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	248407	20.609	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	370535	18.510	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	665622	19.209	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	779734	19.675	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	117264	16.318	ng/ul	0.00
60) Fluorene-d10	15.339	176	560776	19.257	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.468	200	99316	18.805	ng/ul	0.00
73) Anthracene-d10	17.198	188	806597	20.740	ng/ul	0.00
81) Pyrene-d10	19.497	212	858318	19.828	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.397	264	859786	20.070	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	46175	7.954	ng/uL	100
5) Pyridine	3.669	79	309154	18.060	ng/ul	92
6) Benzaldehyde	6.857	77	200721	23.568	ng/ul	96
8) Phenol	6.892	94	362253	18.153	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.139	93	302371	18.453	ng/ul	96
12) 2-Chlorophenol	7.257	128	285867	19.288	ng/ul	97
13) 2-Methylphenol	8.134	108	263543	17.403	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	443514	20.495	ng/ul	97
16) Acetophenone	8.522	105	428975	18.012	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.504	70	227359	18.477	ng/ul	92
18) 4-Methylphenol	8.463	108	286094	17.355	ng/ul	99
19) Hexachloroethane	8.757	117	121485	20.011	ng/ul	96
22) Nitrobenzene	8.898	77	329956	21.179	ng/ul	95
23) Isophorone	9.422	82	615294	19.358	ng/ul	98
25) 2-Nitrophenol	9.598	139	154690	20.035	ng/ul	98
26) 2,4-Dimethylphenol	9.657	107	283906	20.209	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.904	93	393064	19.663	ng/ul	98
29) 2,4-Dichlorophenol	10.128	162	247640	20.580	ng/ul	98
30) Naphthalene	10.527	128	901953	20.412	ng/ul	99
32) 4-Chloroaniline	10.645	127	362012	18.758	ng/ul	100
33) Hexachlorobutadiene	10.798	225	151348	22.440	ng/ul	95
34) Caprolactam	11.433	113	66214	14.130	ng/ul	92
35) 4-Chloro-3-methylphenol	11.769	107	256636	18.391	ng/ul	98
36) 2-Methylnaphthalene	12.145	142	583259	19.850	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	565098	19.495	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	276224	21.979	ng/ul	98
40) Hexachlorocyclopentadiene	12.480	237	180650	21.654	ng/ul	99
41) 2,4,6-Trichlorophenol	12.763	196	176289	20.010	ng/ul	98
42) 2,4,5-Trichlorophenol	12.833	196	192127	20.349	ng/ul	97
43) 1,1'-Biphenyl	13.168	154	730903	20.836	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	566428	20.577	ng/ul	98
45) 2-Nitroaniline	13.427	65	166434	19.259	ng/ul	96
47) Dimethylphthalate	13.810	163	671198	19.035	ng/ul	99
48) 2,6-Dinitrotoluene	13.933	165	128362	18.225	ng/ul	94
50) Acenaphthylene	14.063	152	937358	20.294	ng/ul	99
51) 3-Nitroaniline	14.263	138	134349	17.660	ng/ul	97
52) Acenaphthene	14.404	153	614796	20.247	ng/ul	99
53) 2,4-Dinitrophenol	14.474	184	66050	14.661	ng/ul	99
55) 4-Nitrophenol	14.568	109	86357	17.151	ng/ul	93
56) Dibenzofuran	14.745	168	813052	20.130	ng/ul	100
57) 2,4-Dinitrotoluene	14.721	165	182519	17.952	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.968	232	149604	19.147	ng/ul	98
59) Diethylphthalate	15.186	149	676255	18.480	ng/ul	99
61) Fluorene	15.398	166	669217	20.258	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	322326	21.023	ng/ul	98
63) 4-Nitroaniline	15.433	138	130542	17.954	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.486	198	110014	19.493	ng/ul	99
67) N-Nitrosodiphenylamine	15.615	169	539902	22.033	ng/ul	98
68) 4-Bromophenyl-phenylether	16.292	248	182442	22.419	ng/ul	98
69) Hexachlorobenzene	16.392	284	207908	22.430	ng/ul	92
70) Atrazine	16.574	200	165808	20.706	ng/ul	98
71) Pentachlorophenol	16.745	266	119918	19.592	ng/ul	99
72) Phenanthrene	17.139	178	968051	20.974	ng/ul	99
74) Anthracene	17.233	178	986280	21.129	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.127	216	262047	24.113	ng/uL	98
76) Pentachlorobenzene	14.657	250	254197	24.194	ng/uL	99
77) Carbazole	17.509	167	873062	19.904	ng/ul	100
78) Di-n-butylphthalate	18.080	149	1105804	18.743	ng/ul	99
80) Fluoranthene	19.162	202	1031227	20.004	ng/ul	98
82) Pyrene	19.527	202	1075001	20.030	ng/ul	98
83) Butylbenzylphthalate	20.444	149	437344	16.572	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.221	252	318474	20.860	ng/ul	98
85) Benzo(a)anthracene	21.280	228	1052004	19.849	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	691726	17.977	ng/ul	98
87) Chrysene	21.333	228	971207	19.793	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	1169322	16.031	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1031721	18.918	ng/ul	99
91) Benzo(k)fluoranthene	22.909	252	1066472	19.966	ng/ul	99
93) Benzo(a)pyrene	23.444	252	1009023	19.778	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.809	276	1273502	22.255	ng/ul	98
95) Dibenzo(a,h)anthracene	25.826	278	1066536	22.353	ng/ul	97
96) Benzo(g,h,i)perylene	26.497	276	1020456	22.347	ng/ul	98

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

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