Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031686.D
Acq On : 29 May 2024 12:00
Operator : MA/JU
Sample : SSTD01069
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD010204

Quant Time: May 29 13:32:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 13:30:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	489010	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2171115	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1437258	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	3063356	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	2951543	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	3160447	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	46434	3.763	ng/uL	0.00
4) Pyridine-d5	3.599	84	314278	9.089	ng/ul	0.00
7) Phenol-d5	6.852	99	404303	9.831	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	251650	10.235	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	305713	9.667	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	331390	10.211	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	158200	9.464	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	157943	9.698	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	309839	9.822	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	503016	10.943	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1020416	10.831	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	1167848	10.151	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	192529	10.519	ng/ul	0.00
60) Fluorene-d10	15.322	176	863477	10.655	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	126756	8.950	ng/ul	0.00
73) Anthracene-d10	17.169	188	1361918	10.343	ng/ul	0.00
81) Pyrene-d10	19.463	212	1567143	8.447	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1561762	10.370	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	48480	3.736	ng/uL	95
5) Pyridine	3.617	79	330336	9.683	ng/ul	96
6) Benzaldehyde	6.834	77	233012	11.109	ng/ul	99
8) Phenol	6.875	94	422543	10.033	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.116	93	359580	10.258	ng/ul	99
12) 2-Chlorophenol	7.246	128	325520	9.818	ng/ul	96
13) 2-Methylphenol	8.122	108	320265	10.004	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	419687	10.343	ng/ul	99
16) Acetophenone	8.505	105	551700	10.936	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.493	70	274324	10.519	ng/ul	99
18) 4-Methylphenol	8.446	108	349788	10.223	ng/ul	98
19) Hexachloroethane	8.758	117	138335	9.788	ng/ul	99
22) Nitrobenzene	8.881	77	392435	9.665	ng/ul	99
23) Isophorone	9.405	82	817910	10.320	ng/ul	99
25) 2-Nitrophenol	9.587	139	175955	9.771	ng/ul	96
26) 2,4-Dimethylphenol	9.646	107	352700	9.667	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.893	93	508746	10.155	ng/ul	98
29) 2,4-Dichlorophenol	10.116	162	315312	10.134	ng/ul	99
30) Naphthalene	10.516	128	1152739	10.186	ng/ul	100
32) 4-Chloroaniline	10.634	127	490650	10.964	ng/ul	100
33) Hexachlorobutadiene	10.799	225	193327	10.286	ng/ul	95
34) Caprolactam	11.393	113	117247	10.841	ng/ul	99
35) 4-Chloro-3-methylphenol	11.751	107	363765	10.477	ng/ul	99
36) 2-Methylnaphthalene	12.134	142	785582	10.432	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	788538	10.519	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	386170	9.566	ng/ul	96
40) Hexachlorocyclopentadiene	12.481	237	209038	8.724	ng/ul	97
41) 2,4,6-Trichlorophenol	12.746	196	253269	9.909	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	275964	9.935	ng/ul	98
43) 1,1'-Biphenyl	13.157	154	1041589	10.050	ng/ul	99
44) 2-Chloronaphthalene	13.193	162	809951	9.885	ng/ul	100
45) 2-Nitroaniline	13.404	65	221182	9.993	ng/ul	99
47) Dimethylphthalate	13.787	163	1039660	10.801	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	192866	10.365	ng/ul	98
50) Acenaphthylene	14.045	152	1355442	10.237	ng/ul	99
51) 3-Nitroaniline	14.234	138	214439	10.218	ng/ul	98
52) Acenaphthene	14.387	153	890717	10.324	ng/ul	99
53) 2,4-Dinitrophenol	14.440	184	75784	8.616	ng/ul	98
55) 4-Nitrophenol	14.534	109	148148	10.810	ng/ul	99
56) Dibenzofuran	14.722	168	1211815	10.497	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	282841	11.054	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.945	232	228887	10.918	ng/ul	94
59) Diethylphthalate	15.157	149	1074527	11.547	ng/ul	99
61) Fluorene	15.375	166	1017481	11.167	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	490081	11.072	ng/ul	99
63) 4-Nitroaniline	15.392	138	214498	11.193	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	141336	9.191	ng/ul#	96
67) N-Nitrosodiphenylamine	15.587	169	862180	9.589	ng/ul	97
68) 4-Bromophenyl-phenylether	16.269	248	297718	9.685	ng/ul	95
69) Hexachlorobenzene	16.369	284	335451	9.933	ng/ul	99
70) Atrazine	16.539	200	304295	11.975	ng/ul	97
71) Pentachlorophenol	16.716	266	197868	9.842	ng/ul	92
72) Phenanthrene	17.110	178	1631239	10.412	ng/ul	98
74) Anthracene	17.204	178	1671003	10.577	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	390725	8.427	ng/uL	99
76) Pentachlorobenzene	14.640	250	389487	9.010	ng/uL	94
77) Carbazole	17.475	167	1515951	11.134	ng/ul	99
78) Di-n-butylphthalate	18.045	149	1907193	11.674	ng/ul	100
80) Fluoranthene	19.128	202	1883023	8.193	ng/ul	99
82) Pyrene	19.492	202	2005030	8.571	ng/ul	98
83) Butylbenzylphthalate	20.404	149	875801	10.312	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	600762	10.222	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1978282	9.856	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	1349659	11.515	ng/ul	99
87) Chrysene	21.345	228	1832763	9.785	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2227359	11.455	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1927429	10.226	ng/ul	98
91) Benzo(k)fluoranthene	23.369	252	1953627	10.315	ng/ul	98
93) Benzo(a)pyrene	24.104	252	1846947	10.354	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.533	276	2158241	10.187	ng/ul	98
95) Dibenzo(a,h)anthracene	27.592	278	1725825	9.909	ng/ul	98
96) Benzo(g,h,i)perylene	28.551	276	1696058	9.776	ng/ul	97

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

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