Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050225\
Data File : BN036960.D
Acq On : 02 May 2025 15:53
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020368

Quant Time: May 02 16:30:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041525.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 15 15:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	60131	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	271089	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	195184	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	396355	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	393326	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	392118	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	11926	7.976	ng/uL	0.00
4) Pyridine-d5	3.517	84	90171	19.860	ng/ul	0.00
7) Phenol-d5	6.799	99	104036	19.685	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	78109	20.233	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	79733	20.926	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	86338	19.953	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	42264	20.216	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	44443	20.218	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	85663	21.163	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	126310	20.828	ng/ul	0.00
46) Dimethylphthalate-d6	13.693	166	290009	20.217	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	326286	20.596	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	55520	20.310	ng/ul	0.00
60) Fluorene-d10	15.275	176	249796	20.871	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	52428	20.031	ng/ul	0.00
73) Anthracene-d10	17.122	188	398559	20.907	ng/ul	0.00
81) Pyrene-d10	19.422	212	458479	19.859	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	413163	21.009	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	14362	8.474	ng/uL	98
5) Pyridine	3.534	79	96204	20.500	ng/ul	92
6) Benzaldehyde	6.769	77	72830	27.261	ng/ul	94
8) Phenol	6.828	94	112607	19.997	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.058	93	87583	19.599	ng/ul	97
12) 2-Chlorophenol	7.193	128	85266	21.066	ng/ul	96
13) 2-Methylphenol	8.069	108	82222	20.186	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.146	45	177505	20.177	ng/ul	98
16) Acetophenone	8.446	105	149949	20.898	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.434	70	88290	21.231	ng/ul	94
18) 4-Methylphenol	8.399	108	92249	20.068	ng/ul	99
19) Hexachloroethane	8.693	117	43596	22.182	ng/ul	96
22) Nitrobenzene	8.822	77	139096	21.588	ng/ul	97
23) Isophorone	9.346	82	230123	20.594	ng/ul	99
25) 2-Nitrophenol	9.528	139	50522	20.888	ng/ul	93
26) 2,4-Dimethylphenol	9.593	107	114622	21.409	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.828	93	134738	21.010	ng/ul	100
29) 2,4-Dichlorophenol	10.058	162	88577	21.358	ng/ul	98
30) Naphthalene	10.458	128	299955	20.973	ng/ul	99
32) 4-Chloroaniline	10.569	127	120440	20.832	ng/ul	99
33) Hexachlorobutadiene	10.746	225	58756	20.920	ng/ul	96
34) Caprolactam	11.340	113	27873m	19.906	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	110106	21.648	ng/ul	94
36) 2-Methylnaphthalene	12.081	142	213109	21.163	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.299	142	215428	21.489	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.451	216	111745	20.070	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	67039	19.892	ng/ul	99
41) 2,4,6-Trichlorophenol	12.699	196	71617	20.134	ng/ul	96
42) 2,4,5-Trichlorophenol	12.769	196	79810	20.604	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	287410	20.155	ng/ul	97
44) 2-Chloronaphthalene	13.146	162	220253	20.240	ng/ul	98
45) 2-Nitroaniline	13.351	65	99099	21.738	ng/ul	94
47) Dimethylphthalate	13.740	163	291428	20.437	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	56157	20.309	ng/ul	94
50) Acenaphthylene	13.993	152	343487	20.459	ng/ul	96
51) 3-Nitroaniline	14.181	138	59530	21.308	ng/ul	96
52) Acenaphthene	14.340	153	260637	21.076	ng/ul	99
53) 2,4-Dinitrophenol	14.393	184	35648	19.527	ng/ul	98
55) 4-Nitrophenol	14.498	109	70297	22.958	ng/ul	95
56) Dibenzofuran	14.675	168	350825	20.434	ng/ul	97
57) 2,4-Dinitrotoluene	14.646	165	88375	21.154	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.904	232	68524	20.864	ng/ul	98
59) Diethylphthalate	15.116	149	321236	20.991	ng/ul	99
61) Fluorene	15.328	166	295175	21.045	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.328	204	138936	20.525	ng/ul	98
63) 4-Nitroaniline	15.351	138	63144	23.489	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.410	198	56570	20.106	ng/ul	96
67) N-Nitrosodiphenylamine	15.540	169	252226	20.987	ng/ul	93
68) 4-Bromophenyl-phenylether	16.222	248	81196	21.011	ng/ul	95
69) Hexachlorobenzene	16.334	284	84623	20.458	ng/ul	97
70) Atrazine	16.498	200	94231	20.758	ng/ul	97
71) Pentachlorophenol	16.675	266	58752	19.759	ng/ul	96
72) Phenanthrene	17.063	178	456694	20.539	ng/ul	99
74) Anthracene	17.157	178	461163	20.469	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	113439	20.136	ng/uL	95
76) Pentachlorobenzene	14.598	250	103150	19.855	ng/uL	92
77) Carbazole	17.428	167	425658	20.742	ng/ul	97
78) Di-n-butylphthalate	18.004	149	572595	22.089	ng/ul	99
80) Fluoranthene	19.086	202	523699	19.123	ng/ul	99
82) Pyrene	19.451	202	572151	19.471	ng/ul	99
83) Butylbenzylphthalate	20.363	149	246411	21.134	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.169	252	159010	22.736	ng/ul	99
85) Benzo(a)anthracene	21.233	228	562929	21.237	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.175	149	370682	22.226	ng/ul#	99
87) Chrysene	21.298	228	529148	21.201	ng/ul	98
89) Di-n-octyl phthalate	22.269	149	568475	18.904	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	501682	20.430	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	517053	20.914	ng/ul	99
93) Benzo(a)pyrene	24.010	252	462951	20.872	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.386	276	505897	20.414	ng/ul	97
95) Dibenzo(a,h)anthracene	27.445	278	404769	20.073	ng/ul	99
96) Benzo(g,h,i)perylene	28.392	276	378531	20.037	ng/ul	99

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

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