Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141655.D
Acq On : 18 Feb 2025 10:20
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 18 10:59:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	112725	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	432015	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	226440	20.000	ng		-0.02
64) Phenanthrene-d10	11.304	188	383246	20.000	ng		-0.01
76) Chrysene-d12	13.945	240	218926	20.000	ng		-0.02
86) Perylene-d12	15.380	264	197651	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	587534	81.712	ng		0.00
7) Phenol-d6	6.428	99	717292	78.928	ng		-0.01
23) Nitrobenzene-d5	7.351	82	653281	78.872	ng		-0.01
42) 2,4,6-Tribromophenol	10.610	330	184451	81.088	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1181147	80.362	ng		-0.01
79) Terphenyl-d14	12.886	244	1174122	90.538	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	117504	40.604	ng		96
3) Pyridine	3.216	79	286528	41.608	ng		97
4) n-Nitrosodimethylamine	3.175	42	177506	38.928	ng		94
6) Aniline	6.451	93	296570	34.789	ng		99
8) 2-Chlorophenol	6.575	128	309412	39.825	ng		100
9) Benzaldehyde	6.334	77	210121	43.509	ng		99
10) Phenol	6.445	94	371415	39.267	ng		96
11) bis(2-Chloroethyl)ether	6.522	93	290422	40.878	ng		99
12) 1,3-Dichlorobenzene	6.722	146	330595	40.305	ng		98
13) 1,4-Dichlorobenzene	6.798	146	332061	39.624	ng		99
14) 1,2-Dichlorobenzene	6.957	146	312766	40.212	ng		99
15) Benzyl Alcohol	6.934	79	261366	37.504	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	440287	36.203	ng		83
17) 2-Methylphenol	7.051	107	234367	38.547	ng		96
18) Hexachloroethane	7.292	117	125002	40.304	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	204006	37.528	ng		95
20) 3+4-Methylphenols	7.204	107	295071	38.188	ng	#	85
22) Acetophenone	7.198	105	419847	39.068	ng		97
24) Nitrobenzene	7.369	77	317738	39.340	ng		100
25) Isophorone	7.610	82	512290	38.790	ng		99
26) 2-Nitrophenol	7.686	139	163736	40.747	ng		95
27) 2,4-Dimethylphenol	7.728	122	189175	40.299	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	336141	39.721	ng		100
29) 2,4-Dichlorophenol	7.934	162	259764	40.955	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	278571	40.332	ng		99
31) Naphthalene	8.086	128	894352	39.770	ng		100
32) Benzoic acid	7.869	122	175070	35.905	ng		99
33) 4-Chloroaniline	8.145	127	299491	38.145	ng		98
34) Hexachlorobutadiene	8.204	225	168936	40.742	ng		99
35) Caprolactam	8.516	113	76278	39.499	ng		92
36) 4-Chloro-3-methylphenol	8.633	107	272522	38.789	ng		98
37) 2-Methylnaphthalene	8.775	142	575443	39.323	ng		99
38) 1-Methylnaphthalene	8.875	142	548779	38.720	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	269823	41.187	ng		99
41) Hexachlorocyclopentadiene	8.928	237	75901	34.833	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	172682	40.783	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	185554	40.436	ng	98
46) 1,1'-Biphenyl	9.239	154	712857	40.606	ng	100
47) 2-Chloronaphthalene	9.269	162	527002	40.596	ng	99
48) 2-Nitroaniline	9.369	65	171194	39.294	ng	97
49) Acenaphthylene	9.680	152	774337	40.103	ng	99
50) Dimethylphthalate	9.545	163	624216	40.606	ng	100
51) 2,6-Dinitrotoluene	9.610	165	135682	40.375	ng	98
52) Acenaphthene	9.851	154	517922	39.898	ng	99
53) 3-Nitroaniline	9.780	138	141694	39.175	ng	98
54) 2,4-Dinitrophenol	9.892	184	71652	35.875	ng	94
55) Dibenzofuran	10.022	168	755210	39.635	ng	100
56) 4-Nitrophenol	9.957	139	115756	43.113	ng	94
57) 2,4-Dinitrotoluene	10.016	165	177455	39.667	ng	96
58) Fluorene	10.369	166	588202	39.925	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	159517	40.377	ng	96
60) Diethylphthalate	10.239	149	604026	39.937	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	287690	40.591	ng	99
62) 4-Nitroaniline	10.392	138	123067m	33.509	ng	
63) Azobenzene	10.522	77	597208	39.719	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	105443	39.607	ng	98
66) n-Nitrosodiphenylamine	10.480	169	496381	40.461	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	174095	40.645	ng	94
68) Hexachlorobenzene	10.916	284	179321	40.657	ng	100
69) Atrazine	11.010	200	120966	32.867	ng	98
70) Pentachlorophenol	11.116	266	101069	35.837	ng	99
71) Phenanthrene	11.327	178	836194	39.638	ng	100
72) Anthracene	11.380	178	847750	39.976	ng	100
73) Carbazole	11.539	167	741591	38.864	ng	100
74) Di-n-butylphthalate	11.863	149	896373	40.684	ng	100
75) Fluoranthene	12.516	202	841010	37.602	ng	100
77) Benzidine	12.663	184	67484m	13.977	ng	
78) Pyrene	12.745	202	837591	44.944	ng	99
80) Butylbenzylphthalate	13.363	149	293146	45.413	ng	97
81) Benzo(a)anthracene	13.933	228	584422	40.159	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	144611	34.690	ng	98
83) Chrysene	13.968	228	537527	40.003	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	347240	47.695	ng	100
85) Di-n-octyl phthalate	14.533	149	495232	47.682	ng	100
87) Indeno(1,2,3-cd)pyrene	16.821	276	559741	45.833	ng	99
88) Benzo(b)fluoranthene	14.968	252	493072	37.153	ng	100
89) Benzo(k)fluoranthene	14.998	252	469230	41.406	ng	98
90) Benzo(a)pyrene	15.321	252	429129	39.961	ng	99
91) Dibenzo(a,h)anthracene	16.833	278	454381	45.917	ng	99
92) Benzo(g,h,i)perylene	17.251	276	478556	46.213	ng	99

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

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