Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012425\
Data File : BF141256.D
Acq On : 24 Jan 2025 11:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 25 00:58:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	164483	20.000	ng		-0.02
21) Naphthalene-d8	8.086	136	633508	20.000	ng		-0.02
39) Acenaphthene-d10	9.845	164	335671	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	558085	20.000	ng		-0.01
76) Chrysene-d12	13.980	240	380590	20.000	ng		0.00
86) Perylene-d12	15.445	264	392781	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	831506	78.094	ng		-0.02
7) Phenol-d6	6.434	99	1036934	76.882	ng		-0.01
23) Nitrobenzene-d5	7.369	82	918591	76.863	ng		-0.02
42) 2,4,6-Tribromophenol	10.633	330	318328	83.228	ng		-0.02
45) 2-Fluorobiphenyl	9.169	172	1695832	77.147	ng		-0.01
79) Terphenyl-d14	12.921	244	1839453	71.836	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	185360	39.093	ng		97
3) Pyridine	3.240	79	444396	38.220	ng		95
4) n-Nitrosodimethylamine	3.193	42	209040	36.769	ng		95
6) Aniline	6.469	93	438529	36.622	ng		99
8) 2-Chlorophenol	6.592	128	449519	39.350	ng		96
9) Benzaldehyde	6.357	77	306852	38.629	ng		97
10) Phenol	6.451	94	547506	37.922	ng		96
11) bis(2-Chloroethyl)ether	6.545	93	415695	38.635	ng		96
12) 1,3-Dichlorobenzene	6.745	146	504767	39.618	ng		99
13) 1,4-Dichlorobenzene	6.822	146	508746	39.625	ng		100
14) 1,2-Dichlorobenzene	6.975	146	473762	39.559	ng		99
15) Benzyl Alcohol	6.945	79	374627	38.462	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	536298	35.719	ng		97
17) 2-Methylphenol	7.057	107	357724	38.788	ng		99
18) Hexachloroethane	7.316	117	183609	39.546	ng		98
19) n-Nitroso-di-n-propyla...	7.222	70	291117	36.642	ng		96
20) 3+4-Methylphenols	7.210	107	440577	37.865	ng	#	87
22) Acetophenone	7.216	105	577008	38.314	ng		97
24) Nitrobenzene	7.387	77	478366	38.406	ng		99
25) Isophorone	7.628	82	772890	37.843	ng		99
26) 2-Nitrophenol	7.704	139	235884	41.633	ng		99
27) 2,4-Dimethylphenol	7.739	122	296671	38.819	ng		98
28) bis(2-Chloroethoxy)met...	7.839	93	488957	38.147	ng		100
29) 2,4-Dichlorophenol	7.945	162	364856	40.197	ng		99
30) 1,2,4-Trichlorobenzene	8.028	180	416316	40.127	ng		99
31) Naphthalene	8.110	128	1299110	38.886	ng		100
32) Benzoic acid	7.851	122	295405	40.294	ng		98
33) 4-Chloroaniline	8.157	127	420996	36.438	ng		99
34) Hexachlorobutadiene	8.228	225	253095	40.486	ng		99
35) Caprolactam	8.528	113	112789	37.955	ng		98
36) 4-Chloro-3-methylphenol	8.639	107	387525	39.039	ng		100
37) 2-Methylnaphthalene	8.804	142	831992	39.081	ng		100
38) 1-Methylnaphthalene	8.898	142	812630	38.731	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	385026	39.964	ng		99
41) Hexachlorocyclopentadiene	8.951	237	128168	40.662	ng		100
43) 2,4,6-Trichlorophenol	9.081	196	257604	39.645	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	272993	39.781	ng	99
46) 1,1'-Biphenyl	9.269	154	1016211	38.983	ng	98
47) 2-Chloronaphthalene	9.292	162	790681	38.942	ng	98
48) 2-Nitroaniline	9.386	65	228694	37.997	ng	98
49) Acenaphthylene	9.704	152	1123626	38.735	ng	99
50) Dimethylphthalate	9.569	163	882789	39.174	ng	100
51) 2,6-Dinitrotoluene	9.628	165	210143	40.101	ng	98
52) Acenaphthene	9.880	154	801752	39.560	ng	100
53) 3-Nitroaniline	9.798	138	205284	38.549	ng	99
54) 2,4-Dinitrophenol	9.904	184	104325	41.883	ng	97
55) Dibenzofuran	10.051	168	1074285	38.971	ng	100
56) 4-Nitrophenol	9.957	139	166688	39.967	ng	96
57) 2,4-Dinitrotoluene	10.033	165	277407	41.076	ng	97
58) Fluorene	10.392	166	827861	38.655	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	223066	39.106	ng	99
60) Diethylphthalate	10.269	149	872387	39.654	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	414237	39.685	ng	98
62) 4-Nitroaniline	10.410	138	207914	39.890	ng	99
63) Azobenzene	10.545	77	817093	37.641	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	148422	45.895	ng	98
66) n-Nitrosodiphenylamine	10.504	169	720801	40.043	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	268616	41.806	ng	97
68) Hexachlorobenzene	10.939	284	299452	41.867	ng	99
69) Atrazine	11.033	200	180212	37.181	ng	99
70) Pentachlorophenol	11.133	266	194248	42.408	ng	99
71) Phenanthrene	11.357	178	1194930	39.882	ng	100
72) Anthracene	11.410	178	1176354	40.378	ng	99
73) Carbazole	11.563	167	1073986	40.204	ng	100
74) Di-n-butylphthalate	11.898	149	1302823	42.616	ng	100
75) Fluoranthene	12.545	202	1258393	42.088	ng	99
77) Benzidine	12.669	184	242860	34.410	ng	100
78) Pyrene	12.774	202	1264260	34.779	ng	100
80) Butylbenzylphthalate	13.398	149	488733	40.325	ng	97
81) Benzo(a)anthracene	13.968	228	972928	37.563	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	316689	38.398	ng	100
83) Chrysene	14.004	228	891131	36.769	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	647609	44.534	ng	99
85) Di-n-octyl phthalate	14.586	149	1068185	48.644	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1115626	38.769	ng	99
88) Benzo(b)fluoranthene	15.021	252	961170	37.949	ng	99
89) Benzo(k)fluoranthene	15.051	252	875015	40.880	ng	100
90) Benzo(a)pyrene	15.380	252	827782	39.613	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	908035	39.014	ng	99
92) Benzo(g,h,i)perylene	17.339	276	940023	38.830	ng	99

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

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