Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140463.D
Acq On : 19 Nov 2024 10:34
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 19 11:22:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	137275	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	502770	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	278131	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	524892	20.000	ng		0.00
76) Chrysene-d12	14.069	240	344697	20.000	ng		0.02
86) Perylene-d12	15.592	264	292973	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	663687	82.547	ng		0.00
7) Phenol-d6	6.516	99	882242	80.992	ng		0.01
23) Nitrobenzene-d5	7.440	82	789635	81.831	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	232026	83.891	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1398671	80.841	ng		0.00
79) Terphenyl-d14	12.986	244	1533801	77.238	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	152430	42.537	ng		98
3) Pyridine	3.399	79	359179	40.771	ng		99
4) n-Nitrosodimethylamine	3.352	42	178202	40.024	ng		99
6) Aniline	6.540	93	306329	32.327	ng	#	71
8) 2-Chlorophenol	6.663	128	355312	41.140	ng		99
9) Benzaldehyde	6.428	77	379695	58.159	ng		98
10) Phenol	6.528	94	456762	39.761	ng		92
11) bis(2-Chloroethyl)ether	6.610	93	360291	41.393	ng		99
12) 1,3-Dichlorobenzene	6.816	146	390276	40.956	ng		99
13) 1,4-Dichlorobenzene	6.893	146	394580	40.837	ng		99
14) 1,2-Dichlorobenzene	7.045	146	367478	40.968	ng		99
15) Benzyl Alcohol	7.016	79	304617	38.814	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	446921	37.173	ng		74
17) 2-Methylphenol	7.134	107	291201	40.987	ng		95
18) Hexachloroethane	7.381	117	143667	40.220	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	248549	37.779	ng		98
20) 3+4-Methylphenols	7.287	107	353697	39.808	ng		98
22) Acetophenone	7.281	105	481461	41.174	ng		98
24) Nitrobenzene	7.457	77	414561	41.263	ng		99
25) Isophorone	7.693	82	674821	39.459	ng		99
26) 2-Nitrophenol	7.769	139	189812	42.574	ng		99
27) 2,4-Dimethylphenol	7.810	122	238623m	41.806	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	424967	40.525	ng		99
29) 2,4-Dichlorophenol	8.016	162	296033	41.966	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	324154	41.274	ng		99
31) Naphthalene	8.175	128	1061104	41.604	ng		100
32) Benzoic acid	7.928	122	207129	41.240	ng		97
33) 4-Chloroaniline	8.228	127	318018	35.854	ng		99
34) Hexachlorobutadiene	8.292	225	203622	40.692	ng		99
35) Caprolactam	8.592	113	97929	41.768	ng		95
36) 4-Chloro-3-methylphenol	8.710	107	322814	41.294	ng		99
37) 2-Methylnaphthalene	8.863	142	668387	40.870	ng		99
38) 1-Methylnaphthalene	8.963	142	651311	40.670	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	316136	41.103	ng		100
41) Hexachlorocyclopentadiene	9.016	237	70522	35.712	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	209058	41.418	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	233420	42.298	ng	98
46) 1,1'-Biphenyl	9.328	154	828742	40.958	ng	100
47) 2-Chloronaphthalene	9.357	162	628499	40.776	ng	99
48) 2-Nitroaniline	9.457	65	211034	41.284	ng	99
49) Acenaphthylene	9.775	152	976764	41.884	ng	99
50) Dimethylphthalate	9.628	163	728603	40.190	ng	100
51) 2,6-Dinitrotoluene	9.698	165	173335	41.940	ng	96
52) Acenaphthene	9.945	154	653976	41.519	ng	99
53) 3-Nitroaniline	9.869	138	179320	41.315	ng	100
54) 2,4-Dinitrophenol	9.975	184	87533	41.071	ng	99
55) Dibenzofuran	10.116	168	923161	41.402	ng	99
56) 4-Nitrophenol	10.039	139	127604	40.306	ng	96
57) 2,4-Dinitrotoluene	10.098	165	229473	42.188	ng	99
58) Fluorene	10.463	166	719198	40.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	185022	42.462	ng	97
60) Diethylphthalate	10.328	149	731254	39.447	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	348055	40.023	ng	98
62) 4-Nitroaniline	10.481	138	181282	40.848	ng	98
63) Azobenzene	10.610	77	725554	39.612	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	122672	43.438	ng	99
66) n-Nitrosodiphenylamine	10.569	169	617738	40.732	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	213790	40.746	ng	100
68) Hexachlorobenzene	11.010	284	242463	41.071	ng	98
69) Atrazine	11.098	200	172031	37.493	ng	98
70) Pentachlorophenol	11.210	266	130516	41.043	ng	99
71) Phenanthrene	11.428	178	993168	40.279	ng	100
72) Anthracene	11.475	178	987613	40.869	ng	99
73) Carbazole	11.633	167	986550	41.346	ng	100
74) Di-n-butylphthalate	11.957	149	1126435	39.333	ng	100
75) Fluoranthene	12.616	202	1134677	41.018	ng	100
77) Benzidine	12.739	184	245364	18.546	ng	99
78) Pyrene	12.845	202	1164175	39.484	ng	100
80) Butylbenzylphthalate	13.463	149	461408	40.737	ng	97
81) Benzo(a)anthracene	14.057	228	921068	40.657	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	269822	37.472	ng	99
83) Chrysene	14.098	228	844108	40.837	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	618382	40.903	ng	99
85) Di-n-octyl phthalate	14.692	149	917056	43.070	ng	99
87) Indeno(1,2,3-cd)pyrene	17.110	276	708078	39.125	ng	99
88) Benzo(b)fluoranthene	15.157	252	731617	38.175	ng	99
89) Benzo(k)fluoranthene	15.186	252	699688	44.690	ng	99
90) Benzo(a)pyrene	15.533	252	615860	41.381	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	586294	39.192	ng	99
92) Benzo(g,h,i)perylene	17.562	276	591110	38.651	ng	99

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

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