Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140896.D
Acq On : 18 Dec 2024 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 18 11:07:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	88984	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	307954	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	178243	20.000	ng		0.00
64) Phenanthrene-d10	11.381	188	366627	20.000	ng		0.00
76) Chrysene-d12	14.039	240	240438	20.000	ng		0.00
86) Perylene-d12	15.533	264	194500	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	427889	79.159	ng		0.00
7) Phenol-d6	6.504	99	597686	83.480	ng		0.00
23) Nitrobenzene-d5	7.422	82	532087	86.444	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	161917	76.807	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1041367	80.324	ng		0.00
79) Terphenyl-d14	12.963	244	1104054	72.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	94347	40.522	ng		100
3) Pyridine	3.381	79	233336	43.274	ng		98
4) n-Nitrosodimethylamine	3.334	42	110417	40.621	ng		91
6) Aniline	6.516	93	261704	42.751	ng		94
8) 2-Chlorophenol	6.646	128	232390	39.424	ng		98
9) Benzaldehyde	6.410	77	150021	37.817	ng		99
10) Phenol	6.516	94	314661	42.405	ng		97
11) bis(2-Chloroethyl)ether	6.587	93	216145	39.059	ng		99
12) 1,3-Dichlorobenzene	6.793	146	276948	41.232	ng		97
13) 1,4-Dichlorobenzene	6.869	146	263067	38.584	ng		99
14) 1,2-Dichlorobenzene	7.022	146	252017	39.176	ng		98
15) Benzyl Alcohol	6.998	79	202788	39.614	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	244590	37.520	ng		88
17) 2-Methylphenol	7.122	107	176457	37.495	ng		99
18) Hexachloroethane	7.357	117	99231	39.095	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	163032	37.961	ng		99
20) 3+4-Methylphenols	7.275	107	243944	39.090	ng	#	84
22) Acetophenone	7.263	105	327939	42.570	ng		97
24) Nitrobenzene	7.440	77	273781	43.417	ng		98
25) Isophorone	7.675	82	446475	43.291	ng		99
26) 2-Nitrophenol	7.751	139	131014	45.111	ng		98
27) 2,4-Dimethylphenol	7.793	122	151292	44.606	ng		100
28) bis(2-Chloroethoxy)met...	7.881	93	238096	36.963	ng		98
29) 2,4-Dichlorophenol	8.004	162	184274	39.353	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	203456	37.902	ng		98
31) Naphthalene	8.151	128	657484	38.867	ng		99
32) Benzoic acid	7.945	122	111391	34.629	ng		99
33) 4-Chloroaniline	8.210	127	223603	39.799	ng		98
34) Hexachlorobutadiene	8.263	225	135668	37.565	ng		98
35) Caprolactam	8.592	113	58418	41.905	ng		99
36) 4-Chloro-3-methylphenol	8.704	107	205860	39.060	ng		100
37) 2-Methylnaphthalene	8.845	142	434406	38.821	ng		100
38) 1-Methylnaphthalene	8.945	142	434919	39.299	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	217966	39.785	ng		100
41) Hexachlorocyclopentadiene	8.992	237	41145	34.386	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	137937	41.118	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	150716	40.876	ng	98
46) 1,1'-Biphenyl	9.310	154	572589	40.398	ng	99
47) 2-Chloronaphthalene	9.334	162	443599	40.911	ng	98
48) 2-Nitroaniline	9.439	65	142204	43.425	ng	99
49) Acenaphthylene	9.751	152	620347	38.931	ng	99
50) Dimethylphthalate	9.610	163	499849	39.776	ng	100
51) 2,6-Dinitrotoluene	9.681	165	125234	43.593	ng	95
52) Acenaphthene	9.922	154	394595	38.767	ng	100
53) 3-Nitroaniline	9.857	138	115732	40.594	ng	98
54) 2,4-Dinitrophenol	9.981	184	44877	35.939	ng	93
55) Dibenzofuran	10.092	168	604503	38.326	ng	99
56) 4-Nitrophenol	10.045	139	45251	32.311	ng	96
57) 2,4-Dinitrotoluene	10.092	165	150570	39.835	ng	99
58) Fluorene	10.439	166	503521	38.696	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	117166	38.997	ng	98
60) Diethylphthalate	10.304	149	494005	37.910	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	249126	38.114	ng	97
62) 4-Nitroaniline	10.475	138	120131	40.323	ng	98
63) Azobenzene	10.586	77	471847	38.516	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	82494	39.708	ng	96
66) n-Nitrosodiphenylamine	10.551	169	427813	37.953	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	154240	37.605	ng	99
68) Hexachlorobenzene	10.992	284	180011	38.710	ng	99
69) Atrazine	11.075	200	113378	36.014	ng	99
70) Pentachlorophenol	11.198	266	54868	32.272	ng	98
71) Phenanthrene	11.404	178	717898	38.078	ng	99
72) Anthracene	11.457	178	631201	33.996	ng	99
73) Carbazole	11.616	167	636140	34.980	ng	100
74) Di-n-butylphthalate	11.933	149	786391	36.845	ng	100
75) Fluoranthene	12.598	202	818711	37.706	ng	99
77) Benzidine	12.722	184	215896	43.995	ng	100
78) Pyrene	12.827	202	762368	35.656	ng	99
80) Butylbenzylphthalate	13.433	149	334058	42.462	ng	99
81) Benzo(a)anthracene	14.027	228	652734	38.305	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	196478	38.216	ng	100
83) Chrysene	14.063	228	593332	38.290	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	415546	40.964	ng	100
85) Di-n-octyl phthalate	14.621	149	592446	38.603	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	419359	34.551	ng	98
88) Benzo(b)fluoranthene	15.098	252	510681	37.825	ng	100
89) Benzo(k)fluoranthene	15.127	252	424287	36.635	ng	100
90) Benzo(a)pyrene	15.474	252	418720	39.607	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	345837	34.393	ng	98
92) Benzo(g,h,i)perylene	17.510	276	358807	35.060	ng	99

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

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