Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140743.D
Acq On : 05 Dec 2024 12:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 13:12:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84197	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	319362	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	181460	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	346546	20.000	ng	0.00
76) Chrysene-d12	14.057	240	221456	20.000	ng	0.00
86) Perylene-d12	15.557	264	183043	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	412948	83.682	ng	0.00
7) Phenol-d6	6.522	99	543451	83.302	ng	0.00
23) Nitrobenzene-d5	7.439	82	517261	82.847	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	170503	87.855	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1034698	84.958	ng	0.00
79) Terphenyl-d14	12.992	244	1145640	80.554	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	84822	40.882	ng	97
3) Pyridine	3.416	79	189017	41.405	ng	99
4) n-Nitrosodimethylamine	3.375	42	103129	38.438	ng	96
6) Aniline	6.545	93	164343	35.790	ng	96
8) 2-Chlorophenol	6.669	128	224367	42.261	ng	96
9) Benzaldehyde	6.428	77	113227	32.785	ng	99
10) Phenol	6.534	94	279664	41.976	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	234537	46.003	ng	97
12) 1,3-Dichlorobenzene	6.816	146	249984	41.905	ng	97
13) 1,4-Dichlorobenzene	6.892	146	254121	42.071	ng	98
14) 1,2-Dichlorobenzene	7.045	146	240262	42.449	ng	99
15) Benzyl Alcohol	7.022	79	199768	41.291	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	248740	41.298	ng	63
17) 2-Methylphenol	7.140	107	178028	41.891	ng	95
18) Hexachloroethane	7.381	117	93249	41.334	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	165152	42.835	ng	96
20) 3+4-Methylphenols	7.292	107	238096	43.587	ng	95
22) Acetophenone	7.287	105	325428	41.797	ng	95
24) Nitrobenzene	7.463	77	265674	41.171	ng	98
25) Isophorone	7.698	82	438749	42.131	ng	100
26) 2-Nitrophenol	7.775	139	123701	43.257	ng	98
27) 2,4-Dimethylphenol	7.816	122	150889m	44.100	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	273275	43.075	ng	100
29) 2,4-Dichlorophenol	8.034	162	198376	43.755	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	219902	42.480	ng	99
31) Naphthalene	8.181	128	702268	42.691	ng	100
32) Benzoic acid	7.969	122	131903	44.855	ng	99
33) 4-Chloroaniline	8.239	127	203266	41.271	ng	98
34) Hexachlorobutadiene	8.287	225	146831	42.824	ng	98
35) Caprolactam	8.610	113	60718m	43.275	ng	
36) 4-Chloro-3-methylphenol	8.722	107	219691	43.279	ng	99
37) 2-Methylnaphthalene	8.869	142	453849	43.438	ng	100
38) 1-Methylnaphthalene	8.969	142	443481	43.303	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	225169	42.387	ng	99
41) Hexachlorocyclopentadiene	9.016	237	49240	44.770	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	143489	43.046	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	153954	42.556	ng	97
46) 1,1'-Biphenyl	9.333	154	582378	42.986	ng	100
47) 2-Chloronaphthalene	9.357	162	442148	43.071	ng	99
48) 2-Nitroaniline	9.463	65	136663	41.475	ng	97
49) Acenaphthylene	9.775	152	650234	41.922	ng	99
50) Dimethylphthalate	9.633	163	512739	42.904	ng	100
51) 2,6-Dinitrotoluene	9.704	165	116758	43.078	ng	93
52) Acenaphthene	9.945	154	414766	42.086	ng	99
53) 3-Nitroaniline	9.880	138	115831	43.695	ng	93
54) 2,4-Dinitrophenol	9.992	184	66134	50.329	ng	95
55) Dibenzofuran	10.122	168	636436	42.337	ng	100
56) 4-Nitrophenol	10.057	139	89466	49.486	ng	97
57) 2,4-Dinitrotoluene	10.110	165	158032	43.871	ng	97
58) Fluorene	10.463	166	518398	42.963	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	127835	45.979	ng	92
60) Diethylphthalate	10.333	149	528299	43.509	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	259866	43.885	ng	99
62) 4-Nitroaniline	10.498	138	113415	40.793	ng	95
63) Azobenzene	10.610	77	486979	42.351	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	85614	48.346	ng	98
66) n-Nitrosodiphenylamine	10.575	169	432312	42.184	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	153933	43.132	ng	96
68) Hexachlorobenzene	11.016	284	175382	42.440	ng	99
69) Atrazine	11.098	200	98311	34.100	ng	99
70) Pentachlorophenol	11.216	266	67016	36.847	ng	99
71) Phenanthrene	11.427	178	703387	42.225	ng	99
72) Anthracene	11.480	178	689132	42.291	ng	100
73) Carbazole	11.639	167	662612	42.270	ng	100
74) Di-n-butylphthalate	11.957	149	806978	44.590	ng	99
75) Fluoranthene	12.621	202	791064	43.738	ng	99
77) Benzidine	12.751	184	243716	37.852	ng	99
78) Pyrene	12.851	202	809287	39.523	ng	100
80) Butylbenzylphthalate	13.463	149	313583	42.512	ng	99
81) Benzo(a)anthracene	14.045	228	604456	41.233	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	182226	41.402	ng	99
83) Chrysene	14.086	228	571155	42.609	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	395284	42.439	ng	99
85) Di-n-octyl phthalate	14.639	149	538210	42.282	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	544297	45.629	ng	99
88) Benzo(b)fluoranthene	15.115	252	534211	46.464	ng	100
89) Benzo(k)fluoranthene	15.145	252	404002	40.155	ng	99
90) Benzo(a)pyrene	15.492	252	404361	43.256	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	451589	46.226	ng	100
92) Benzo(g,h,i)perylene	17.533	276	477726	47.922	ng	98

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

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