Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082924\
Data File : BF139222.D
Acq On : 29 Aug 2024 14:46
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 29 15:36:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 15:21:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	101100	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	358348	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	199855	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	333848	20.000	ng		0.00
76) Chrysene-d12	14.051	240	153552	20.000	ng		0.00
86) Perylene-d12	15.521	264	184674	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	941873	149.344	ng		0.00
7) Phenol-d6	6.528	99	1232538	147.323	ng		0.01
23) Nitrobenzene-d5	7.463	82	1172838	157.330	ng		0.01
42) 2,4,6-Tribromophenol	10.722	330	318028	158.640	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1876703	146.211	ng		0.00
79) Terphenyl-d14	12.998	244	1575167	147.867	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	213611	77.440	ng		99
3) Pyridine	3.434	79	523254	74.571	ng		100
4) n-Nitrosodimethylamine	3.404	42	297346	78.405	ng		99
6) Aniline	6.551	93	565374m	73.367	ng		
8) 2-Chlorophenol	6.681	128	466287	73.580	ng		99
10) Phenol	6.545	94	624946	71.439	ng		89
11) bis(2-Chloroethyl)ether	6.634	93	483536	74.941	ng		99
12) 1,3-Dichlorobenzene	6.834	146	549332	73.228	ng		99
13) 1,4-Dichlorobenzene	6.910	146	554539	73.162	ng		99
14) 1,2-Dichlorobenzene	7.063	146	510984	72.020	ng		99
15) Benzyl Alcohol	7.034	79	483732	74.245	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	669872	73.091	ng		98
17) 2-Methylphenol	7.145	107	403135	75.336	ng		98
18) Hexachloroethane	7.404	117	198393	75.574	ng		97
19) n-Nitroso-di-n-propyla...	7.316	70	381750	73.333	ng		99
20) 3+4-Methylphenols	7.304	107	498093	71.820	ng		94
22) Acetophenone	7.304	105	678847	74.464	ng	#	94
24) Nitrobenzene	7.481	77	612818	78.607	ng		98
25) Isophorone	7.722	82	993745	76.916	ng		100
26) 2-Nitrophenol	7.792	139	239657	85.876	ng		99
27) 2,4-Dimethylphenol	7.828	122	315689	77.101	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	566955	75.368	ng		99
29) 2,4-Dichlorophenol	8.034	162	399230	75.797	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	454227	75.150	ng		100
31) Naphthalene	8.198	128	1363638	74.213	ng		100
32) Benzoic acid	7.975	122	321840	88.487	ng		97
33) 4-Chloroaniline	8.251	127	473965	75.248	ng		99
34) Hexachlorobutadiene	8.310	225	300693	75.470	ng		98
35) Caprolactam	8.639	113	122196	77.877	ng		98
36) 4-Chloro-3-methylphenol	8.728	107	441993	76.442	ng		100
37) 2-Methylnaphthalene	8.886	142	858465	74.154	ng		99
38) 1-Methylnaphthalene	8.986	142	835785	73.201	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	442092	74.429	ng		100
41) Hexachlorocyclopentadiene	9.039	237	169230	81.344	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	295619	78.246	ng		100
44) 2,4,5-Trichlorophenol	9.204	196	311774	76.679	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.351	154	1063467	74.245	ng	100
47) 2-Chloronaphthalene	9.375	162	853180	75.037	ng	98
48) 2-Nitroaniline	9.469	65	292393	83.513	ng	98
49) Acenaphthylene	9.792	152	1212799	75.040	ng	99
50) Dimethylphthalate	9.657	163	939844	75.102	ng	100
51) 2,6-Dinitrotoluene	9.716	165	221327	81.832	ng	97
52) Acenaphthene	9.963	154	828980	76.823	ng	98
53) 3-Nitroaniline	9.886	138	215864	81.024	ng	98
54) 2,4-Dinitrophenol	9.986	184	116083	80.654	ng	92
55) Dibenzofuran	10.139	168	1137182	73.163	ng	99
56) 4-Nitrophenol	10.039	139	166342	81.655	ng	99
57) 2,4-Dinitrotoluene	10.116	165	285974	83.935	ng	98
58) Fluorene	10.480	166	894587	72.731	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	248881	77.191	ng	98
60) Diethylphthalate	10.351	149	897142	75.006	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	454435	73.633	ng	99
62) 4-Nitroaniline	10.504	138	204345	78.111	ng	97
63) Azobenzene	10.633	77	993247	75.341	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	151898	92.107	ng	97
66) n-Nitrosodiphenylamine	10.592	169	753920	76.034	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	282456	77.849	ng	98
68) Hexachlorobenzene	11.022	284	307359	77.451	ng	98
70) Pentachlorophenol	11.216	266	206572	82.265	ng	99
71) Phenanthrene	11.439	178	1237724	73.710	ng	100
72) Anthracene	11.492	178	1212378	73.967	ng	100
73) Carbazole	11.645	167	1042823	72.111	ng	100
74) Di-n-butylphthalate	11.974	149	1133478	73.309	ng	99
75) Fluoranthene	12.621	202	1130363	68.377	ng	99
77) Benzidine	12.745	184	239367	78.878	ng	99
78) Pyrene	12.851	202	1101451	74.646	ng	100
80) Butylbenzylphthalate	13.468	149	284193	82.647	ng	99
81) Benzo(a)anthracene	14.039	228	777051	77.268	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	234885	88.949	ng	98
83) Chrysene	14.074	228	707353	75.565	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	334995	90.554	ng	99
85) Di-n-octyl phthalate	14.645	149	679293	94.176	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	1020791	78.395	ng	99
88) Benzo(b)fluoranthene	15.092	252	794905	71.867	ng	98
89) Benzo(k)fluoranthene	15.121	252	760044	78.801	ng	100
90) Benzo(a)pyrene	15.462	252	724000	77.628	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	834763	77.038	ng	100
92) Benzo(g,h,i)perylene	17.462	276	851641	77.982	ng	100

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

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