Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
Data File : BF138970.D
Acq On : 13 Aug 2024 12:47
Operator : RC/JU
Sample : P3512-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0.5-1.0-080724MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 13:12:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	35132	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	141264	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	74754	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	115514	20.000	ng		0.00
76) Chrysene-d12	13.998	240	61599	20.000	ng		0.00
86) Perylene-d12	15.463	264	63687	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	250906	110.245	ng		0.01
7) Phenol-d6	6.487	99	346781	113.489	ng		0.00
23) Nitrobenzene-d5	7.404	82	218629	75.667	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	65643	107.201	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	331091	66.547	ng		-0.01
79) Terphenyl-d14	12.939	244	238019	64.694	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	44010	44.169	ng		94
3) Pyridine	3.428	79	114953	47.625	ng		96
4) n-Nitrosodimethylamine	3.399	42	99846	69.455	ng		83
6) Aniline	6.504	93	139701	51.265	ng	#	29
8) 2-Chlorophenol	6.634	128	147127	61.444	ng		97
9) Benzaldehyde	6.404	77	5511	3.009	ng		89
10) Phenol	6.504	94	199385	61.974	ng		79
11) bis(2-Chloroethyl)ether	6.575	93	141184	57.027	ng		99
12) 1,3-Dichlorobenzene	6.781	146	156516	58.394	ng		99
13) 1,4-Dichlorobenzene	6.857	146	158617	58.639	ng		98
14) 1,2-Dichlorobenzene	7.010	146	152524	60.334	ng		99
15) Benzyl Alcohol	6.993	79	145303	65.977	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	243252	57.092	ng	#	51
17) 2-Methylphenol	7.104	107	116045	58.690	ng	#	84
18) Hexachloroethane	7.345	117	61708	60.604	ng		99
19) n-Nitroso-di-n-propyla...	7.257	70	116769	63.271	ng		97
20) 3+4-Methylphenols	7.263	107	158634	62.531	ng	#	73
22) Acetophenone	7.251	105	205343	59.368	ng		99
24) Nitrobenzene	7.428	77	174032	59.192	ng		99
25) Isophorone	7.663	82	305480	61.917	ng		98
26) 2-Nitrophenol	7.740	139	79241	62.644	ng		89
27) 2,4-Dimethylphenol	7.781	122	100770	66.583	ng		96
28) bis(2-Chloroethoxy)met...	7.869	93	177285	59.007	ng		99
29) 2,4-Dichlorophenol	7.992	162	120760	62.095	ng		100
30) 1,2,4-Trichlorobenzene	8.063	180	133826	59.629	ng		98
31) Naphthalene	8.140	128	441301	59.349	ng		100
32) Benzoic acid	7.939	122	45963	38.635	ng		92
33) 4-Chloroaniline	8.198	127	80669	32.319	ng		99
34) Hexachlorobutadiene	8.251	225	83953	61.759	ng		97
35) Caprolactam	8.581	113	33615m	57.928	ng		
36) 4-Chloro-3-methylphenol	8.692	107	140282	63.117	ng		99
37) 2-Methylnaphthalene	8.834	142	288150	61.360	ng		100
38) 1-Methylnaphthalene	8.934	142	265820	57.766	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	124150	59.786	ng		98
41) Hexachlorocyclopentadiene	8.981	237	67199	118.581	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	78049	61.645	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	82424	59.549	ng		98
46) 1,1'-Biphenyl	9.298	154	337098	57.578	ng		98
47) 2-Chloronaphthalene	9.322	162	266427	61.187	ng		98
48) 2-Nitroaniline	9.428	65	98082	66.445	ng		94
49) Acenaphthylene	9.739	152	413347	66.932	ng		99
50) Dimethylphthalate	9.598	163	316006	66.112	ng		99
51) 2,6-Dinitrotoluene	9.669	165	68221	63.242	ng		88
52) Acenaphthene	9.910	154	248002	59.740	ng		99
53) 3-Nitroaniline	9.839	138	47892	42.946	ng		96
54) 2,4-Dinitrophenol	9.957	184	52360	105.443	ng	#	80
55) Dibenzofuran	10.081	168	374176	63.851	ng		98
56) 4-Nitrophenol	10.022	139	58566	87.333	ng		83
57) 2,4-Dinitrotoluene	10.081	165	88483	64.291	ng	#	80
58) Fluorene	10.422	166	297374	63.724	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	64697	61.139	ng		96
60) Diethylphthalate	10.298	149	301109	66.439	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	147060	64.075	ng		95
62) 4-Nitroaniline	10.457	138	60071	56.684	ng	#	82
63) Azobenzene	10.575	77	314327	62.533	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	44710	63.442	ng		90
66) n-Nitrosodiphenylamine	10.533	169	245748	68.061	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	82560	66.013	ng		99
68) Hexachlorobenzene	10.969	284	83154	64.395	ng		97
69) Atrazine	11.063	200	68515	73.548	ng		98
70) Pentachlorophenol	11.175	266	48770	83.790	ng		97
71) Phenanthrene	11.386	178	375357	63.106	ng		99
72) Anthracene	11.439	178	386848	66.019	ng		100
73) Carbazole	11.598	167	304154	60.164	ng		99
74) Di-n-butylphthalate	11.916	149	397093	69.873	ng		99
75) Fluoranthene	12.575	202	327040	58.896	ng		98
77) Benzidine	12.698	184	78359	53.185	ng		99
78) Pyrene	12.804	202	322604	55.624	ng		99
80) Butylbenzylphthalate	13.410	149	127085	68.427	ng		100
81) Benzo(a)anthracene	13.992	228	279959	65.999	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	68494	63.099	ng		97
83) Chrysene	14.027	228	247688	64.722	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	177961	65.436	ng		99
85) Di-n-octyl phthalate	14.574	149	308272	61.266	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	226645	49.659	ng		97
88) Benzo(b)fluoranthene	15.039	252	262331	66.447	ng		98
89) Benzo(k)fluoranthene	15.068	252	245898	71.938	ng		99
90) Benzo(a)pyrene	15.404	252	227948	68.642	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	183124	48.879	ng		98
92) Benzo(g,h,i)perylene	17.380	276	160550	41.296	ng		96

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

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