Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
Data File : BF138953.D
Acq On : 13 Aug 2024 00:57
Operator : RC/JU
Sample : P3543-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 13 02:15:23 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	42250	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	177143	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	101545	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	177249	20.000	ng		0.00
76) Chrysene-d12	14.004	240	86795	20.000	ng	#	0.00
86) Perylene-d12	15.463	264	77644	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	466053	170.278	ng		0.03
7) Phenol-d6	6.498	99	616012	167.635	ng		0.01
23) Nitrobenzene-d5	7.410	82	415429	114.658	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	152868	183.782	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	776881	114.950	ng		0.00
79) Terphenyl-d14	12.945	244	738638	142.483	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	53488m	44.637	ng		
3) Pyridine	3.569	79	58584	20.182	ng		96
4) n-Nitrosodimethylamine	3.487	42	117444	67.933	ng		86
6) Aniline	6.516	93	62111	18.953	ng	#	1
8) 2-Chlorophenol	6.640	128	190771	66.248	ng		97
9) Benzaldehyde	6.404	77	5490	2.492	ng		97
10) Phenol	6.510	94	236783	61.199	ng		97
11) bis(2-Chloroethyl)ether	6.581	93	180313	60.561	ng		100
12) 1,3-Dichlorobenzene	6.781	146	189304	58.728	ng		98
13) 1,4-Dichlorobenzene	6.857	146	192634	59.217	ng		99
14) 1,2-Dichlorobenzene	7.010	146	183833	60.468	ng		99
15) Benzyl Alcohol	6.998	79	180095	67.998	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	306825	59.881	ng	#	50
17) 2-Methylphenol	7.110	107	160372	67.444	ng	#	85
18) Hexachloroethane	7.345	117	73396	59.939	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	153627	69.218	ng		98
20) 3+4-Methylphenols	7.269	107	214688	70.369	ng	#	67
22) Acetophenone	7.257	105	266394	61.419	ng		98
24) Nitrobenzene	7.428	77	222547	60.362	ng		100
25) Isophorone	7.669	82	412695	66.706	ng		98
26) 2-Nitrophenol	7.745	139	105440	66.473	ng		97
27) 2,4-Dimethylphenol	7.787	122	138185	72.812	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	235849	62.600	ng		99
29) 2,4-Dichlorophenol	7.992	162	166010	68.073	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	171132	60.807	ng		98
31) Naphthalene	8.145	128	571810	61.325	ng		100
32) Benzoic acid	7.951	122	88020	59.001	ng		94
33) 4-Chloroaniline	8.210	127	29738	9.501	ng		97
34) Hexachlorobutadiene	8.251	225	101752	59.692	ng		99
35) Caprolactam	8.598	113	39143m	53.792	ng		
36) 4-Chloro-3-methylphenol	8.698	107	196472	70.494	ng		99
37) 2-Methylnaphthalene	8.834	142	384961	65.372	ng		99
38) 1-Methylnaphthalene	8.934	142	357023	61.871	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	165180	58.558	ng		99
41) Hexachlorocyclopentadiene	8.981	237	120978	154.891	ng		100
43) 2,4,6-Trichlorophenol	9.122	196	112324	65.309	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	119986	63.816	ng		99
46) 1,1'-Biphenyl	9.298	154	463644	58.299	ng		99
47) 2-Chloronaphthalene	9.328	162	368121	62.237	ng		99
48) 2-Nitroaniline	9.434	65	126907	63.290	ng		99
49) Acenaphthylene	9.739	152	577196	68.804	ng		99
50) Dimethylphthalate	9.604	163	478217	73.652	ng		99
51) 2,6-Dinitrotoluene	9.675	165	98269	67.063	ng		93
52) Acenaphthene	9.910	154	353633	62.710	ng		99
53) 3-Nitroaniline	9.845	138	19738	13.030	ng		96
54) 2,4-Dinitrophenol	9.963	184	102124	151.398	ng		87
55) Dibenzofuran	10.086	168	526989	66.202	ng		99
56) 4-Nitrophenol	10.028	139	85716	94.096	ng		86
57) 2,4-Dinitrotoluene	10.081	165	130639	69.878	ng	#	80
58) Fluorene	10.428	166	428578	67.609	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	103860	72.254	ng		95
60) Diethylphthalate	10.298	149	446136	72.467	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	214707	68.868	ng		99
62) 4-Nitroaniline	10.463	138	76112m	52.872	ng		
63) Azobenzene	10.575	77	463545	67.888	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	75926	70.213	ng		92
66) n-Nitrosodiphenylamine	10.539	169	341373	61.615	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	122453	63.809	ng		97
68) Hexachlorobenzene	10.975	284	125795	63.487	ng		100
69) Atrazine	11.063	200	74345	52.010	ng		99
70) Pentachlorophenol	11.180	266	110088	123.263	ng		98
71) Phenanthrene	11.392	178	604127	66.192	ng		100
72) Anthracene	11.445	178	610009	67.845	ng		100
73) Carbazole	11.598	167	458804	59.146	ng		98
74) Di-n-butylphthalate	11.916	149	676818	77.614	ng		100
75) Fluoranthene	12.575	202	550326	64.588	ng		99
77) Benzidine	12.722	184	5938	2.860	ng	#	93
78) Pyrene	12.804	202	545127	66.706	ng		99
80) Butylbenzylphthalate	13.410	149	201153	76.867	ng		98
81) Benzo(a)anthracene	13.992	228	385775	64.544	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	13381	8.749	ng		98
83) Chrysene	14.027	228	352827	65.432	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	256736	66.998	ng		98
85) Di-n-octyl phthalate	14.574	149	397031	56.000	ng		100
87) Indeno(1,2,3-cd)pyrene	16.945	276	319681	57.453	ng		97
88) Benzo(b)fluoranthene	15.039	252	356992	74.170	ng		98
89) Benzo(k)fluoranthene	15.068	252	272830	65.469	ng		99
90) Benzo(a)pyrene	15.404	252	283668	70.066	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	261316	57.212	ng		98
92) Benzo(g,h,i)perylene	17.386	276	230222	48.573	ng		97

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

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