Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138897.D
Acq On : 09 Aug 2024 19:36
Operator : RC/JU
Sample : P3509-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-080724MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 23:30:45 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	6.839	152	46594	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	178229	20.000	ng		0.00
39) Acenaphthene-d10	9.874	164	82494	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	109336	20.000	ng		0.00
76) Chrysene-d12	14.004	240	76572	20.000	ng		0.00
86) Perylene-d12	15.462	264	59251	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	317443	105.168	ng		0.01
7) Phenol-d6	6.492	99	417623	103.052	ng		0.00
23) Nitrobenzene-d5	7.410	82	265387	72.800	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	60479	89.501	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	418676	76.255	ng		0.00
79) Terphenyl-d14	12.939	244	295798	64.677	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	47432	35.893	ng	#	94
3) Pyridine	3.445	79	125615	39.240	ng		96
4) n-Nitrosodimethylamine	3.422	42	101842	53.416	ng		82
6) Aniline	6.504	93	66428	18.380	ng	#	1
8) 2-Chlorophenol	6.633	128	152014	47.867	ng		97
9) Benzaldehyde	6.398	77	6023	2.479	ng		97
10) Phenol	6.504	94	188454	44.167	ng		93
11) bis(2-Chloroethyl)ether	6.581	93	146371	44.578	ng		99
12) 1,3-Dichlorobenzene	6.781	146	164169	46.182	ng		98
13) 1,4-Dichlorobenzene	6.857	146	170162	47.432	ng		99
14) 1,2-Dichlorobenzene	7.010	146	158514	47.279	ng		99
15) Benzyl Alcohol	6.992	79	145243	49.726	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	253252	44.817	ng		54
17) 2-Methylphenol	7.110	107	120913	46.109	ng	#	83
18) Hexachloroethane	7.345	117	60175	44.561	ng		96
19) n-Nitroso-di-n-propyla...	7.257	70	120024	49.036	ng		97
20) 3+4-Methylphenols	7.263	107	160386	47.669	ng	#	81
22) Acetophenone	7.257	105	209696	48.052	ng		99
24) Nitrobenzene	7.428	77	174798	47.122	ng		100
25) Isophorone	7.669	82	304108	48.855	ng		98
26) 2-Nitrophenol	7.745	139	77629	48.642	ng		95
27) 2,4-Dimethylphenol	7.786	122	102148	53.495	ng		97
28) bis(2-Chloroethoxy)met...	7.875	93	179762	47.422	ng		99
29) 2,4-Dichlorophenol	7.992	162	117563	47.913	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	135041	47.691	ng		98
31) Naphthalene	8.145	128	443429	47.267	ng		100
32) Benzoic acid	7.904	122	15436m	10.284	ng		
33) 4-Chloroaniline	8.198	127	32526	10.329	ng		97
34) Hexachlorobutadiene	8.257	225	86147	50.229	ng		98
35) Caprolactam	8.580	113	28667	39.155	ng		97
36) 4-Chloro-3-methylphenol	8.692	107	129572	46.207	ng		99
37) 2-Methylnaphthalene	8.833	142	281986	47.594	ng		100
38) 1-Methylnaphthalene	8.933	142	251834	43.376	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	115953	50.599	ng		98
41) Hexachlorocyclopentadiene	8.980	237	24280	43.510	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	70291	50.308	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	73725	48.267	ng		98
46) 1,1'-Biphenyl	9.298	154	317177	49.092	ng		99
47) 2-Chloronaphthalene	9.327	162	241138	50.184	ng		98
48) 2-Nitroaniline	9.427	65	87229	53.548	ng		97
49) Acenaphthylene	9.739	152	356162	52.261	ng		99
50) Dimethylphthalate	9.598	163	297377	56.377	ng		99
51) 2,6-Dinitrotoluene	9.669	165	58593	49.220	ng		90
52) Acenaphthene	9.910	154	218204	47.630	ng		99
53) 3-Nitroaniline	9.839	138	34345	27.909	ng		99
54) 2,4-Dinitrophenol	9.957	184	7019	12.809	ng	#	80
55) Dibenzofuran	10.080	168	322946	49.939	ng		99
56) 4-Nitrophenol	10.022	139	53896	72.829	ng		89
57) 2,4-Dinitrotoluene	10.074	165	73018	48.077	ng	#	84
58) Fluorene	10.427	166	248838	48.320	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	45312	38.803	ng		97
60) Diethylphthalate	10.298	149	280085	56.001	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	124570	49.183	ng		96
62) 4-Nitroaniline	10.451	138	45608	38.999	ng	#	82
63) Azobenzene	10.574	77	262798	47.376	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	12014	18.011	ng		92
66) n-Nitrosodiphenylamine	10.533	169	204117	59.725	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	65881	55.654	ng		99
68) Hexachlorobenzene	10.969	284	60315	49.348	ng		98
69) Atrazine	11.063	200	58676	66.545	ng		99
70) Pentachlorophenol	11.174	266	34021	61.753	ng		97
71) Phenanthrene	11.386	178	321702	57.141	ng		100
72) Anthracene	11.439	178	303431	54.709	ng		99
73) Carbazole	11.598	167	247570	51.739	ng		99
74) Di-n-butylphthalate	11.916	149	349584	64.989	ng		99
75) Fluoranthene	12.574	202	313252	59.600	ng		98
77) Benzidine	12.698	184	96399	52.635	ng		99
78) Pyrene	12.804	202	317235	44.002	ng		100
80) Butylbenzylphthalate	13.415	149	130767	56.641	ng		98
81) Benzo(a)anthracene	13.992	228	271438	51.478	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	60680	44.969	ng		97
83) Chrysene	14.027	228	248122	52.157	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	194604	57.564	ng		99
85) Di-n-octyl phthalate	14.580	149	313018	50.044	ng		98
87) Indeno(1,2,3-cd)pyrene	16.939	276	162210	38.202	ng		96
88) Benzo(b)fluoranthene	15.039	252	195942	53.347	ng		99
89) Benzo(k)fluoranthene	15.068	252	187530	58.969	ng		98
90) Benzo(a)pyrene	15.404	252	167224	54.126	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	131132	37.622	ng		98
92) Benzo(g,h,i)perylene	17.380	276	120148	33.218	ng		97

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

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