Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138898.D
Acq On : 09 Aug 2024 20:06
Operator : RC/JU
Sample : P3509-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-080724MSD

Manual Integrations APPROVED

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

Quant Time: Aug 09 23:31:22 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	41882	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	167151	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	76034	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	104468	20.000	ng		0.00
76) Chrysene-d12	14.004	240	71094	20.000	ng		0.00
86) Perylene-d12	15.463	264	55254	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	311921	114.965	ng		0.01
7) Phenol-d6	6.492	99	409263	112.351	ng		0.00
23) Nitrobenzene-d5	7.410	82	257626	75.355	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	59843	96.084	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	408983	80.819	ng		0.00
79) Terphenyl-d14	12.939	244	300520	70.773	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	46499	39.146	ng		97
3) Pyridine	3.440	79	122600	42.607	ng		97
4) n-Nitrosodimethylamine	3.410	42	98989	57.761	ng		85
6) Aniline	6.504	93	68335	21.035	ng	#	1
8) 2-Chlorophenol	6.634	128	152383	53.382	ng		96
9) Benzaldehyde	6.398	77	5991	2.744	ng		96
10) Phenol	6.504	94	186980	48.752	ng		95
11) bis(2-Chloroethyl)ether	6.581	93	143356	48.572	ng		99
12) 1,3-Dichlorobenzene	6.781	146	160401	50.198	ng		98
13) 1,4-Dichlorobenzene	6.857	146	164399	50.981	ng		99
14) 1,2-Dichlorobenzene	7.010	146	153388	50.897	ng		99
15) Benzyl Alcohol	6.992	79	140859	53.651	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	245451	48.324	ng		51
17) 2-Methylphenol	7.110	107	117178	49.712	ng	#	84
18) Hexachloroethane	7.345	117	60329	49.701	ng		96
19) n-Nitroso-di-n-propyla...	7.257	70	118514	53.867	ng		96
20) 3+4-Methylphenols	7.263	107	157435	52.056	ng	#	77
22) Acetophenone	7.251	105	206402	50.432	ng	#	97
24) Nitrobenzene	7.428	77	167174	48.054	ng		99
25) Isophorone	7.669	82	297415	50.946	ng		99
26) 2-Nitrophenol	7.745	139	74741	49.936	ng		95
27) 2,4-Dimethylphenol	7.781	122	99531	55.579	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	179299	50.435	ng		99
29) 2,4-Dichlorophenol	7.992	162	118209	51.369	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	130969	49.318	ng		99
31) Naphthalene	8.145	128	427386	48.576	ng		100
32) Benzoic acid	7.904	122	15670m	11.132	ng		
33) 4-Chloroaniline	8.198	127	39725	13.451	ng		96
34) Hexachlorobutadiene	8.257	225	81661	50.769	ng		99
35) Caprolactam	8.575	113	28659m	41.739	ng		
36) 4-Chloro-3-methylphenol	8.692	107	127070	48.318	ng		99
37) 2-Methylnaphthalene	8.834	142	269231	48.453	ng		99
38) 1-Methylnaphthalene	8.934	142	245392	45.068	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	112112	53.080	ng		99
41) Hexachlorocyclopentadiene	8.981	237	23430	45.227	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	70657	54.867	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	72214	51.295	ng		98
46) 1,1'-Biphenyl	9.298	154	315162	52.925	ng		98
47) 2-Chloronaphthalene	9.328	162	236859	53.481	ng		98
48) 2-Nitroaniline	9.428	65	85640	57.039	ng		97
49) Acenaphthylene	9.739	152	353188	56.228	ng		100
50) Dimethylphthalate	9.598	163	288597	59.361	ng		99
51) 2,6-Dinitrotoluene	9.669	165	56713	51.689	ng		89
52) Acenaphthene	9.910	154	216255	51.215	ng		100
53) 3-Nitroaniline	9.839	138	34062	30.030	ng		97
54) 2,4-Dinitrophenol	9.957	184	7053	13.964	ng	#	71
55) Dibenzofuran	10.081	168	312316	52.398	ng		98
56) 4-Nitrophenol	10.022	139	53345	78.209	ng		90
57) 2,4-Dinitrotoluene	10.075	165	71554	51.116	ng	#	85
58) Fluorene	10.428	166	239492	50.456	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	43654	40.559	ng		93
60) Diethylphthalate	10.298	149	270945	58.777	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	119609	51.237	ng		96
62) 4-Nitroaniline	10.451	138	45733	42.428	ng		89
63) Azobenzene	10.575	77	249518	48.804	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	11756	18.445	ng		95
66) n-Nitrosodiphenylamine	10.533	169	198438	60.769	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	63759	56.371	ng		98
68) Hexachlorobenzene	10.975	284	61195	52.401	ng		97
69) Atrazine	11.063	200	57708	68.497	ng		99
70) Pentachlorophenol	11.175	266	34927	66.352	ng		97
71) Phenanthrene	11.386	178	316338	58.807	ng		99
72) Anthracene	11.439	178	302491	57.081	ng		99
73) Carbazole	11.598	167	244206	53.414	ng		98
74) Di-n-butylphthalate	11.916	149	346054	67.330	ng		99
75) Fluoranthene	12.574	202	311012	61.931	ng		99
77) Benzidine	12.698	184	104334	61.357	ng		98
78) Pyrene	12.804	202	320639	47.901	ng		99
80) Butylbenzylphthalate	13.416	149	130936	61.085	ng		96
81) Benzo(a)anthracene	13.992	228	270798	55.314	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	62282	49.713	ng		98
83) Chrysene	14.027	228	245309	55.539	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	193897	61.774	ng		99
85) Di-n-octyl phthalate	14.580	149	304083	52.362	ng		99
87) Indeno(1,2,3-cd)pyrene	16.939	276	163995	41.416	ng		96
88) Benzo(b)fluoranthene	15.039	252	188396	55.003	ng		98
89) Benzo(k)fluoranthene	15.068	252	188241	63.475	ng		98
90) Benzo(a)pyrene	15.404	252	164076	56.949	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	128767	39.616	ng		98
92) Benzo(g,h,i)perylene	17.380	276	124605	36.942	ng		96

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

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