Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140092.D
Acq On : 28 Oct 2024 17:35
Operator : RC/JU
Sample : P4545-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 28 18:05:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	113612	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	441889	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	241647	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	409717	20.000	ng	0.00
76) Chrysene-d12	14.051	240	203129	20.000	ng	0.00
86) Perylene-d12	15.527	264	263019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	977769	134.729	ng	0.02
7) Phenol-d6	6.516	99	1208635	128.587	ng	0.00
23) Nitrobenzene-d5	7.451	82	821761	103.069	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	358712	158.702	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1444688	98.807	ng	0.00
79) Terphenyl-d14	12.998	244	1306207	104.783	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.881	88	126476	37.378	ng	# 82
3) Pyridine	3.587	79	189602	22.606	ng	98
4) n-Nitrosodimethylamine	3.516	42	187502	41.610	ng	# 97
6) Aniline	6.557	93	172468	19.688	ng	99
8) 2-Chlorophenol	6.675	128	370207	49.899	ng	99
9) Benzaldehyde	6.440	77	47671	9.016	ng	99
10) Phenol	6.528	94	445105m	45.933	ng	
11) bis(2-Chloroethyl)ether	6.628	93	351685	46.955	ng	99
12) 1,3-Dichlorobenzene	6.834	146	361312	42.425	ng	99
13) 1,4-Dichlorobenzene	6.910	146	367844	43.232	ng	99
14) 1,2-Dichlorobenzene	7.057	146	355662	44.788	ng	99
15) Benzyl Alcohol	7.028	79	347790	50.442	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	584140	45.739	ng	97
17) 2-Methylphenol	7.134	107	310465	49.075	ng	99
18) Hexachloroethane	7.404	117	128123	42.227	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	276089	48.431	ng	95
20) 3+4-Methylphenols	7.287	107	391991	48.443	ng	94
22) Acetophenone	7.298	105	508513	46.983	ng	98
24) Nitrobenzene	7.469	77	408928	46.780	ng	100
25) Isophorone	7.710	82	765851	50.609	ng	99
26) 2-Nitrophenol	7.787	139	189690	57.521	ng	97
27) 2,4-Dimethylphenol	7.816	122	314864	57.260	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	447113	48.767	ng	99
29) 2,4-Dichlorophenol	8.022	162	320220	51.126	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	316171	45.620	ng	100
31) Naphthalene	8.192	128	1066174	46.783	ng	100
32) Benzoic acid	7.898	122	84400	17.598	ng	95
33) 4-Chloroaniline	8.234	127	133599	17.192	ng	98
34) Hexachlorobutadiene	8.310	225	199456	45.805	ng	99
35) Caprolactam	8.604	113	83595m	41.975	ng	
36) 4-Chloro-3-methylphenol	8.716	107	363875	52.467	ng	99
37) 2-Methylnaphthalene	8.881	142	696991	49.937	ng	100
38) 1-Methylnaphthalene	8.981	142	647449	47.280	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	331367	50.829	ng	99
41) Hexachlorocyclopentadiene	9.034	237	362304	159.719	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	253954	55.021	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	258939	54.376	ng		98
46) 1,1'-Biphenyl	9.345	154	856147	50.894	ng		100
47) 2-Chloronaphthalene	9.375	162	675337	49.845	ng		100
48) 2-Nitroaniline	9.463	65	241309	58.234	ng		97
49) Acenaphthylene	9.786	152	1080746	55.175	ng		99
50) Dimethylphthalate	9.645	163	822973	54.677	ng		99
51) 2,6-Dinitrotoluene	9.710	165	178715	54.837	ng		96
52) Acenaphthene	9.963	154	661593	52.213	ng		99
53) 3-Nitroaniline	9.875	138	131503	39.128	ng		98
54) 2,4-Dinitrophenol	9.980	184	60419	47.508	ng	#	1
55) Dibenzofuran	10.133	168	947629	52.125	ng		100
56) 4-Nitrophenol	10.033	139	254819	98.551	ng		98
57) 2,4-Dinitrotoluene	10.110	165	238568	59.527	ng		99
58) Fluorene	10.475	166	716535	51.747	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	201940	54.095	ng		98
60) Diethylphthalate	10.345	149	792061	53.595	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	368778	52.737	ng		98
62) 4-Nitroaniline	10.492	138	167633	52.812	ng		98
63) Azobenzene	10.628	77	807556	51.543	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	60965	36.479	ng		94
66) n-Nitrosodiphenylamine	10.586	169	670666	54.692	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	233236	55.258	ng		97
68) Hexachlorobenzene	11.022	284	255815	53.889	ng		98
69) Atrazine	11.110	200	212035	63.831	ng		99
70) Pentachlorophenol	11.216	266	224019	77.757	ng		99
71) Phenanthrene	11.439	178	1031591	53.303	ng		100
72) Anthracene	11.492	178	1041472	55.155	ng		100
73) Carbazole	11.639	167	882304	50.241	ng		100
74) Di-n-butylphthalate	11.969	149	1119955	55.199	ng		100
75) Fluoranthene	12.627	202	912791	46.655	ng		99
77) Benzidine	12.745	184	17706	5.301	ng		98
78) Pyrene	12.851	202	903442	50.811	ng		100
80) Butylbenzylphthalate	13.469	149	345144	64.747	ng		99
81) Benzo(a)anthracene	14.039	228	724089	54.760	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	185837	48.202	ng		100
83) Chrysene	14.080	228	701255	57.841	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	456891	76.394	ng		100
85) Di-n-octyl phthalate	14.639	149	793362	72.931	ng		98
87) Indeno(1,2,3-cd)pyrene	17.027	276	775966	45.859	ng		98
88) Benzo(b)fluoranthene	15.098	252	831851	51.919	ng		99
89) Benzo(k)fluoranthene	15.127	252	782283	56.615	ng		99
90) Benzo(a)pyrene	15.468	252	780503	59.203	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	651067	46.124	ng		99
92) Benzo(g,h,i)perylene	17.474	276	529084	37.525	ng		99

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

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