Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
Data File : BF139334.D
Acq On : 11 Sep 2024 19:07
Operator : RC/JU
Sample : P3929-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 05:15:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	57247	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	215802	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	109802	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	164983	20.000	ng		0.00
76) Chrysene-d12	14.045	240	103810	20.000	ng	#	0.00
86) Perylene-d12	15.515	264	78333	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	431339	126.046	ng		0.00
7) Phenol-d6	6.516	99	564823	123.636	ng		0.00
23) Nitrobenzene-d5	7.451	82	383799	92.521	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	131863	139.073	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	695057	97.714	ng		0.00
79) Terphenyl-d14	12.992	244	499172	77.637	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	59121	37.099	ng	#	94
3) Pyridine	3.493	79	141732	36.844	ng		97
4) n-Nitrosodimethylamine	3.457	42	131297	52.561	ng		83
6) Aniline	6.545	93	107805	25.662	ng	#	59
8) 2-Chlorophenol	6.669	128	188661	53.195	ng		98
9) Benzaldehyde	6.434	77	43076	15.577	ng		96
10) Phenol	6.534	94	243191	50.468	ng		90
11) bis(2-Chloroethyl)ether	6.622	93	176824	51.220	ng		97
12) 1,3-Dichlorobenzene	6.828	146	202658	50.484	ng		97
13) 1,4-Dichlorobenzene	6.904	146	205053	51.034	ng		98
14) 1,2-Dichlorobenzene	7.057	146	193031	51.511	ng		99
15) Benzyl Alcohol	7.028	79	195342	58.633	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	308499	46.942	ng		91
17) 2-Methylphenol	7.140	107	149686	51.669	ng	#	92
18) Hexachloroethane	7.398	117	79192	55.184	ng		98
19) n-Nitroso-di-n-propyla...	7.298	70	151943	57.748	ng		98
20) 3+4-Methylphenols	7.293	107	203935	55.855	ng	#	84
22) Acetophenone	7.293	105	282630	54.974	ng		95
24) Nitrobenzene	7.469	77	225748	51.273	ng		97
25) Isophorone	7.704	82	389392	54.905	ng		98
26) 2-Nitrophenol	7.781	139	97609	56.445	ng	#	88
27) 2,4-Dimethylphenol	7.822	122	152412	61.799	ng		95
28) bis(2-Chloroethoxy)met...	7.916	93	219576	51.966	ng		98
29) 2,4-Dichlorophenol	8.022	162	157782	53.432	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	173105	51.327	ng		99
31) Naphthalene	8.192	128	558962	51.147	ng		100
32) Benzoic acid	7.940	122	116249	51.748	ng		96
33) 4-Chloroaniline	8.234	127	34693	9.168	ng		98
34) Hexachlorobutadiene	8.304	225	120406	56.342	ng		99
35) Caprolactam	8.610	113	47242m	51.677	ng		
36) 4-Chloro-3-methylphenol	8.722	107	175357	54.494	ng		98
37) 2-Methylnaphthalene	8.881	142	363988	53.235	ng		100
38) 1-Methylnaphthalene	8.981	142	332378	49.427	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	175910	56.625	ng		99
41) Hexachlorocyclopentadiene	9.034	237	146013	146.249	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	114597	56.379	ng		100

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44) 2,4,5-Trichlorophenol	9.198	196	117006	54.932	ng		95
46) 1,1'-Biphenyl	9.345	154	452705	55.647	ng		99
47) 2-Chloronaphthalene	9.369	162	325083	52.921	ng		98
48) 2-Nitroaniline	9.463	65	119232	56.352	ng		94
49) Acenaphthylene	9.786	152	522499	56.474	ng		100
50) Dimethylphthalate	9.645	163	406196	61.035	ng		100
51) 2,6-Dinitrotoluene	9.710	165	82708	54.781	ng		98
52) Acenaphthene	9.957	154	371417	60.526	ng		99
53) 3-Nitroaniline	9.875	138	44678	27.775	ng		93
54) 2,4-Dinitrophenol	9.981	184	82657	102.189	ng	#	74
55) Dibenzofuran	10.128	168	473265	53.793	ng		95
56) 4-Nitrophenol	10.034	139	116144	97.823	ng		84
57) 2,4-Dinitrotoluene	10.110	165	103657	53.942	ng		93
58) Fluorene	10.475	166	360456	52.844	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	91113m	54.342	ng		
60) Diethylphthalate	10.345	149	403591	61.623	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	186465	56.684	ng		96
62) 4-Nitroaniline	10.486	138	67016	43.767	ng	#	83
63) Azobenzene	10.622	77	394472	57.147	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	47489	62.295	ng		100
66) n-Nitrosodiphenylamine	10.581	169	303763	63.252	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	100246	62.625	ng		94
68) Hexachlorobenzene	11.016	284	104880	57.234	ng		97
69) Atrazine	11.110	200	93499	84.387	ng		97
70) Pentachlorophenol	11.210	266	125935	118.972	ng		99
71) Phenanthrene	11.433	178	446263	57.901	ng		100
72) Anthracene	11.486	178	452831	60.145	ng		99
73) Carbazole	11.639	167	382135	54.305	ng		99
74) Di-n-butylphthalate	11.969	149	491960	68.280	ng		99
75) Fluoranthene	12.622	202	545666	70.619	ng		98
77) Benzidine	12.739	184	102512	49.043	ng		99
78) Pyrene	12.851	202	496270	49.488	ng		100
80) Butylbenzylphthalate	13.469	149	176767	74.878	ng		98
81) Benzo(a)anthracene	14.033	228	408986	61.699	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	71844	40.811	ng		99
83) Chrysene	14.074	228	359372	58.088	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	259076	93.500	ng		100
85) Di-n-octyl phthalate	14.639	149	389721	73.464	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	231800	47.368	ng	#	94
88) Benzo(b)fluoranthene	15.086	252	301348	66.800	ng		98
89) Benzo(k)fluoranthene	15.116	252	245883	60.789	ng		98
90) Benzo(a)pyrene	15.457	252	241531m	63.053	ng		
91) Dibenzo(a,h)anthracene	17.015	278	191567	47.503	ng		97
92) Benzo(g,h,i)perylene	17.445	276	171264	41.142	ng	#	93

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

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