Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125440.D
Acq On : 13 Sep 2021 12:38
Operator : JU/CG
Sample : PB139002BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139002BS

Manual Integrations APPROVED
mohammad
9/14/2021 2:48:29 PM

Quant Time: Sep 13 13:23:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 13 12:03:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	219965	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	862621	20.000	ng	#	0.00
39) Acenaphthene-d10	9.933	164	466639	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	850448	20.000	ng		0.00
76) Chrysene-d12	14.074	240	561188	20.000	ng	#	0.00
86) Perylene-d12	15.568	264	435449	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1409933	97.019	ng		0.02
7) Phenol-d6	6.534	99	1798845	95.707	ng		0.00
23) Nitrobenzene-d5	7.457	82	1255471	73.271	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	625937	134.376	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2181183	65.146	ng		0.00
79) Terphenyl-d14	13.010	244	2544275	72.226	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	223031	31.102	ng	#	100
3) Pyridine	3.563	79	548222	28.959	ng	#	91
4) n-Nitrosodimethylamine	3.528	42	340988	35.996	ng	#	34
6) Aniline	6.557	93	742769	33.643	ng	#	91
8) 2-Chlorophenol	6.681	128	578225	39.003	ng		84
9) Benzaldehyde	6.440	77	416382	31.567	ng		91
10) Phenol	6.545	94	697487	35.436	ng	#	65
11) bis(2-Chloroethyl)ether	6.628	93	596350	38.470	ng		85
12) 1,3-Dichlorobenzene	6.828	146	630862	36.722	ng		97
13) 1,4-Dichlorobenzene	6.904	146	635847	37.145	ng		97
14) 1,2-Dichlorobenzene	7.057	146	619692	38.479	ng		99
15) Benzyl Alcohol	7.040	79	521412	36.031	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1057319	34.011	ng		89
17) 2-Methylphenol	7.151	107	494323	39.693	ng	#	88
18) Hexachloroethane	7.398	117	232964	38.865	ng	#	86
19) n-Nitroso-di-n-propyla...	7.310	70	413038	36.536	ng	#	75
20) 3+4-Methylphenols	7.304	107	548999	35.119	ng	#	75
22) Acetophenone	7.298	105	799928	36.032	ng	#	86
24) Nitrobenzene	7.475	77	664181	35.574	ng	#	87
25) Isophorone	7.716	82	1194898	36.149	ng	#	89
26) 2-Nitrophenol	7.792	139	325875	43.711	ng	#	87
27) 2,4-Dimethylphenol	7.828	122	506503	38.808	ng		88
28) bis(2-Chloroethoxy)met...	7.922	93	730765	39.928	ng	#	97
29) 2,4-Dichlorophenol	8.034	162	502214	37.731	ng		95
30) 1,2,4-Trichlorobenzene	8.110	180	549555	37.862	ng		95
31) Naphthalene	8.192	128	1541118	34.884	ng		100
32) Benzoic acid	7.981	122	335943	37.924	ng		87
33) 4-Chloroaniline	8.245	127	549782	31.568	ng	#	91
34) Hexachlorobutadiene	8.304	225	354479	38.301	ng		100
35) Caprolactam	8.639	113	180150m	52.254	ng		
36) 4-Chloro-3-methylphenol	8.739	107	544770	40.092	ng		93
37) 2-Methylnaphthalene	8.886	142	1088446	37.285	ng		99
38) 1-Methylnaphthalene	8.986	142	1000520	36.701	ng		95
40) 1,2,4,5-Tetrachloroben...	9.051	216	552706	36.253	ng		99
41) Hexachlorocyclopentadiene	9.039	237	584359	72.954	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	383017	35.680	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	416514	36.880	ng		93
46) 1,1'-Biphenyl	9.351	154	1248457	33.185	ng		98
47) 2-Chloronaphthalene	9.381	162	1051646	34.399	ng		97
48) 2-Nitroaniline	9.481	65	383338	40.450	ng	#	82
49) Acenaphthylene	9.798	152	1550856	34.812	ng		98
50) Dimethylphthalate	9.657	163	1255864	38.836	ng	#	97
51) 2,6-Dinitrotoluene	9.722	165	276924	39.493	ng	#	81
52) Acenaphthene	9.969	154	916265	33.177	ng		98
53) 3-Nitroaniline	9.892	138	254226	33.620	ng	#	76
54) 2,4-Dinitrophenol	10.004	184	311879	112.602	ng	#	84
55) Dibenzofuran	10.139	168	1327272	33.394	ng		97
56) 4-Nitrophenol	10.075	139	400694	66.915	ng	#	82
57) 2,4-Dinitrotoluene	10.128	165	362644	42.732	ng	#	91
58) Fluorene	10.486	166	1088419	37.041	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	341724	40.772	ng	#	81
60) Diethylphthalate	10.357	149	1205871	38.251	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	560451	37.723	ng	#	86
62) 4-Nitroaniline	10.516	138	298993	43.971	ng	#	85
63) Azobenzene	10.633	77	1209114	34.193	ng		92
65) 4,6-Dinitro-2-methylph...	10.539	198	208547	46.332	ng		92
66) n-Nitrosodiphenylamine	10.598	169	1045136	34.321	ng		98
67) 4-Bromophenyl-phenylether	10.963	248	387841	37.978	ng		93
68) Hexachlorobenzene	11.033	284	423640	40.324	ng	#	83
69) Atrazine	11.128	200	353731	40.481	ng		91
70) Pentachlorophenol	11.233	266	423148	68.980	ng		91
71) Phenanthrene	11.451	178	1623423	34.644	ng		97
72) Anthracene	11.504	178	1673939	36.242	ng		97
73) Carbazole	11.657	167	1480764	35.083	ng		100
74) Di-n-butylphthalate	11.980	149	1793888	35.815	ng		100
75) Fluoranthene	12.639	202	1742214	37.470	ng		97
77) Benzidine	12.763	184	1114439	56.861	ng		97
78) Pyrene	12.874	202	1748680	36.326	ng		96
80) Butylbenzylphthalate	13.480	149	722431	38.193	ng		88
81) Benzo(a)anthracene	14.063	228	1470761	36.374	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	420455	33.546	ng	#	98
83) Chrysene	14.104	228	1419255	35.493	ng		97
84) Bis(2-ethylhexyl)phtha...	14.039	149	948934	36.501	ng	#	98
85) Di-n-octyl phthalate	14.657	149	1480111	34.231	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	1187106	37.841	ng	#	89
88) Benzo(b)fluoranthene	15.127	252	1330634	41.827	ng	#	94
89) Benzo(k)fluoranthene	15.163	252	1122223m	37.803	ng		
90) Benzo(a)pyrene	15.504	252	1142625	40.661	ng	#	96
91) Dibenzo(a,h)anthracene	17.104	278	978851	36.098	ng	#	94
92) Benzo(g,h,i)perylene	17.545	276	1007353	38.528	ng	#	88

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

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