Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
Data File : BF125672.D
Acq On : 27 Sep 2021 15:12
Operator : JU/CG
Sample : M3938-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-07(5-7)MSD

Manual Integrations APPROVED
mohammad
9/28/2021 1:40:07 PM

Quant Time: Sep 27 16:29:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	204408	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	832075	20.000	ng	#	0.00
39) Acenaphthene-d10	9.927	164	442690	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	738002	20.000	ng		0.00
76) Chrysene-d12	14.045	240	411436	20.000	ng		0.00
86) Perylene-d12	15.521	264	414803	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1224356	98.685	ng		0.01
7) Phenol-d6	6.516	99	1520222	91.142	ng		0.00
23) Nitrobenzene-d5	7.451	82	910399	76.316	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	445603	107.959	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1817451	71.670	ng		0.00
79) Terphenyl-d14	12.992	244	1627488	68.502	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	258827	49.020	ng	#	100
3) Pyridine	3.522	79	556240	39.829	ng	#	70
4) n-Nitrosodimethylamine	3.475	42	253655	48.949	ng	#	1
6) Aniline	6.551	93	523930	27.204	ng		94
8) 2-Chlorophenol	6.675	128	625441	44.442	ng		99
9) Benzaldehyde	6.439	77	366242	50.447	ng		93
10) Phenol	6.528	94	721299m	42.780	ng		
11) bis(2-Chloroethyl)ether	6.622	93	572406	43.685	ng		97
12) 1,3-Dichlorobenzene	6.834	146	663946	42.726	ng		96
13) 1,4-Dichlorobenzene	6.910	146	675778	42.743	ng		98
14) 1,2-Dichlorobenzene	7.063	146	644330	43.195	ng		99
15) Benzyl Alcohol	7.028	79	479818	41.472	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.163	45	691033	41.432	ng		88
17) 2-Methylphenol	7.139	107	491862	42.621	ng		98
18) Hexachloroethane	7.404	117	229288	44.680	ng		90
19) n-Nitroso-di-n-propyla...	7.304	70	367224	38.668	ng	#	68
20) 3+4-Methylphenols	7.292	107	591131	40.743	ng		89
22) Acetophenone	7.298	105	788550	41.764	ng	#	90
24) Nitrobenzene	7.469	77	580255	47.818	ng		96
25) Isophorone	7.710	82	1040140	38.933	ng		94
26) 2-Nitrophenol	7.786	139	319487	49.924	ng		92
27) 2,4-Dimethylphenol	7.822	122	552241	46.479	ng		94
28) bis(2-Chloroethoxy)met...	7.922	93	670872	44.520	ng		99
29) 2,4-Dichlorophenol	8.028	162	512188	43.396	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	545349	42.445	ng		98
31) Naphthalene	8.198	128	1778144	41.620	ng		99
32) Benzoic acid	7.945	122	394964	45.835	ng		98
33) 4-Chloroaniline	8.233	127	93224	5.202	ng		99
34) Hexachlorobutadiene	8.316	225	301876	42.612	ng		100
35) Caprolactam	8.610	113	163797m	42.527	ng		
36) 4-Chloro-3-methylphenol	8.722	107	521236	42.145	ng		98
37) 2-Methylnaphthalene	8.886	142	1200879	41.443	ng		98
38) 1-Methylnaphthalene	8.986	142	1104330	40.327	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	488079	42.393	ng		99
41) Hexachlorocyclopentadiene	9.045	237	574101	117.854	ng		96
43) 2,4,6-Trichlorophenol	9.163	196	373936	46.315	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	388407	44.557	ng		95
46) 1,1'-Biphenyl	9.351	154	1354702	41.501	ng		97
47) 2-Chloronaphthalene	9.375	162	1118404	41.383	ng		99
48) 2-Nitroaniline	9.469	65	290730	45.815	ng		87
49) Acenaphthylene	9.792	152	1707307	41.965	ng		98
50) Dimethylphthalate	9.651	163	1250842	41.943	ng	#	98
51) 2,6-Dinitrotoluene	9.710	165	280278	46.289	ng	#	90
52) Acenaphthene	9.963	154	1144933	44.885	ng		98
53) 3-Nitroaniline	9.874	138	137376	21.658	ng		93
54) 2,4-Dinitrophenol	9.980	184	264212	88.661	ng	#	80
55) Dibenzofuran	10.133	168	1552153	40.558	ng		97
56) 4-Nitrophenol	10.033	139	488521	88.926	ng		89
57) 2,4-Dinitrotoluene	10.116	165	377877	49.681	ng	#	73
58) Fluorene	10.480	166	1152692	38.696	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	302697	45.119	ng	#	90
60) Diethylphthalate	10.351	149	1198093	41.670	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	532763	40.237	ng		90
62) 4-Nitroaniline	10.492	138	274868	40.751	ng	#	75
63) Azobenzene	10.627	77	1089363	39.241	ng		86
65) 4,6-Dinitro-2-methylph...	10.516	198	163332	45.945	ng	#	82
66) n-Nitrosodiphenylamine	10.586	169	1044263	41.219	ng		95
67) 4-Bromophenyl-phenylether	10.957	248	335933	43.374	ng		97
68) Hexachlorobenzene	11.027	284	389542	42.854	ng	#	82
69) Atrazine	11.110	200	322544	48.015	ng		93
70) Pentachlorophenol	11.216	266	429587	89.418	ng		95
71) Phenanthrene	11.439	178	1651852	39.915	ng		96
72) Anthracene	11.492	178	1711128	41.843	ng		99
73) Carbazole	11.639	167	1530073	38.018	ng		99
74) Di-n-butylphthalate	11.974	149	1696657	41.817	ng		99
75) Fluoranthene	12.621	202	1552572	35.102	ng		96
77) Benzidine	12.739	184	481923	44.587	ng		97
78) Pyrene	12.851	202	1560586	41.971	ng		96
80) Butylbenzylphthalate	13.468	149	574678	46.672	ng		99
81) Benzo(a)anthracene	14.039	228	1156823	41.392	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	294384	36.505	ng		98
83) Chrysene	14.074	228	1147589	40.917	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	649877	46.105	ng		100
85) Di-n-octyl phthalate	14.639	149	1078357	52.160	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.015	276	1223316	43.446	ng		96
88) Benzo(b)fluoranthene	15.092	252	1193202m	41.057	ng		
89) Benzo(k)fluoranthene	15.121	252	1141594	40.999	ng		98
90) Benzo(a)pyrene	15.462	252	1157073	44.727	ng		97
91) Dibenzo(a,h)anthracene	17.033	278	1007948	42.828	ng		97
92) Benzo(g,h,i)perylene	17.462	276	1041557	43.334	ng		92

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

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