Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
Data File : BF125095.D
Acq On : 18 Aug 2021 19:09
Operator : JU/CG
Sample : M3449-10MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Manual Integrations APPROVED
mohammad
8/19/2021 1:26:59 PM

Quant Time: Aug 19 06:46:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	158731	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	614386	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	315327	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	535802	20.000	ng	#	0.00
76) Chrysene-d12	14.086	240	301432	20.000	ng		0.00
86) Perylene-d12	15.580	264	314188	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	1032147	98.422	ng		0.01
7) Phenol-d6	6.545	99	1293394	95.362	ng		0.00
23) Nitrobenzene-d5	7.487	82	870279	71.312	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	343021	108.976	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1436694	63.501	ng		0.00
79) Terphenyl-d14	13.033	244	1316737	69.591	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.805	88	207749	40.146	ng	#	100
3) Pyridine	3.557	79	485929	35.571	ng	#	91
4) n-Nitrosodimethylamine	3.516	42	297414	43.508	ng	#	42
6) Aniline	6.587	93	681581	42.781	ng		97
8) 2-Chlorophenol	6.704	128	462687	43.249	ng		81
9) Benzaldehyde	6.475	77	347760	36.535	ng		93
10) Phenol	6.557	94	581279	40.925	ng		99
11) bis(2-Chloroethyl)ether	6.657	93	486632	43.503	ng		85
12) 1,3-Dichlorobenzene	6.863	146	515320	41.568	ng		97
13) 1,4-Dichlorobenzene	6.940	146	519949	42.092	ng		98
14) 1,2-Dichlorobenzene	7.092	146	500744	43.088	ng		99
15) Benzyl Alcohol	7.057	79	452507	43.332	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1003031	44.711	ng		99
17) 2-Methylphenol	7.169	107	392490	43.674	ng		97
18) Hexachloroethane	7.434	117	191649	44.307	ng		92
19) n-Nitroso-di-n-propyla...	7.334	70	348698	42.743	ng	#	82
20) 3+4-Methylphenols	7.316	107	465716	41.284	ng		92
22) Acetophenone	7.328	105	651916	41.229	ng		92
24) Nitrobenzene	7.504	77	542591	40.804	ng		89
25) Isophorone	7.739	82	972112	41.292	ng	#	88
26) 2-Nitrophenol	7.816	139	250974	47.266	ng	#	77
27) 2,4-Dimethylphenol	7.851	122	430169	46.277	ng		90
28) bis(2-Chloroethoxy)met...	7.951	93	589085	45.192	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	391481	41.295	ng		96
30) 1,2,4-Trichlorobenzene	8.145	180	423994	41.014	ng		94
31) Naphthalene	8.228	128	1266958	40.266	ng		100
32) Benzoic acid	7.963	122	302619	47.965	ng		89
33) 4-Chloroaniline	8.269	127	392429	31.637	ng	#	90
34) Hexachlorobutadiene	8.345	225	267078	40.517	ng		100
35) Caprolactam	8.639	113	119585m	48.702	ng		
36) 4-Chloro-3-methylphenol	8.745	107	410528	42.419	ng		90
37) 2-Methylnaphthalene	8.916	142	866834	41.690	ng		99
38) 1-Methylnaphthalene	9.016	142	793468	40.866	ng		96
40) 1,2,4,5-Tetrachloroben...	9.081	216	398087	38.641	ng		99
41) Hexachlorocyclopentadiene	9.069	237	515137	95.173	ng		98
43) 2,4,6-Trichlorophenol	9.192	196	296736	40.906	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	308772	40.459	ng		93
46) 1,1'-Biphenyl	9.381	154	982714	38.656	ng		97
47) 2-Chloronaphthalene	9.410	162	823027	39.839	ng		96
48) 2-Nitroaniline	9.498	65	293342	45.807	ng	#	81
49) Acenaphthylene	9.822	152	1233626	40.979	ng		98
50) Dimethylphthalate	9.681	163	931583	42.632	ng	#	97
51) 2,6-Dinitrotoluene	9.739	165	206664	43.616	ng	#	75
52) Acenaphthene	9.998	154	815257	43.685	ng		97
53) 3-Nitroaniline	9.910	138	164741	32.240	ng	#	79
54) 2,4-Dinitrophenol	10.016	184	186127	99.447	ng	#	79
55) Dibenzofuran	10.169	168	1043377	38.848	ng		99
56) 4-Nitrophenol	10.063	139	322385	79.672	ng	#	76
57) 2,4-Dinitrotoluene	10.145	165	266718	46.510	ng	#	99
58) Fluorene	10.510	166	786557	39.612	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.281	232	230170	40.640	ng	#	88
60) Diethylphthalate	10.381	149	921174	43.241	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	405027	40.344	ng	#	85
62) 4-Nitroaniline	10.528	138	197797	43.047	ng	#	81
63) Azobenzene	10.663	77	967483	40.489	ng		92
65) 4,6-Dinitro-2-methylph...	10.551	198	122945	43.355	ng		85
66) n-Nitrosodiphenylamine	10.622	169	772050	40.242	ng		96
67) 4-Bromophenyl-phenylether	10.992	248	275133	42.762	ng		94
68) Hexachlorobenzene	11.057	284	278181	42.028	ng	#	86
69) Atrazine	11.145	200	240615	43.706	ng		92
70) Pentachlorophenol	11.245	266	314037	81.256	ng		92
71) Phenanthrene	11.475	178	1175054	39.801	ng		97
72) Anthracene	11.527	178	1195400	41.080	ng		98
73) Carbazole	11.675	167	1009440	37.960	ng		99
74) Di-n-butylphthalate	12.010	149	1350403	42.794	ng		100
75) Fluoranthene	12.663	202	1162632	39.688	ng		97
77) Benzidine	12.780	184	630541	59.895	ng		98
78) Pyrene	12.892	202	1166696	45.121	ng		95
80) Butylbenzylphthalate	13.510	149	493024	48.526	ng	#	95
81) Benzo(a)anthracene	14.074	228	875156	40.295	ng		100
82) 3,3'-Dichlorobenzidine	14.039	252	287594	42.719	ng		98
83) Chrysene	14.116	228	886119	41.256	ng		97
84) Bis(2-ethylhexyl)phtha...	14.063	149	653746	46.816	ng		99
85) Di-n-octyl phthalate	14.680	149	1077824	46.408	ng		100
87) Indeno(1,2,3-cd)pyrene	17.098	276	1116245	49.316	ng		93
88) Benzo(b)fluoranthene	15.139	252	923588	40.237	ng	#	96
89) Benzo(k)fluoranthene	15.174	252	851932	39.774	ng		100
90) Benzo(a)pyrene	15.521	252	900861	44.430	ng		96
91) Dibenzo(a,h)anthracene	17.121	278	929709	47.518	ng		95
92) Benzo(g,h,i)perylene	17.562	276	966502	51.232	ng	#	89

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

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