Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
Data File : BF125098.D
Acq On : 18 Aug 2021 20:48
Operator : JU/CG
Sample : M3441-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4MSD

Manual Integrations APPROVED
mohammad
8/19/2021 1:27:04 PM

Quant Time: Aug 19 06:47:47 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	179804	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	719337	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	386018	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	686178	20.000	ng	0.00
76) Chrysene-d12	14.092	240	385518	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	316761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1291787	108.743	ng	0.03
7) Phenol-d6	6.551	99	1534827	99.900	ng	0.01
23) Nitrobenzene-d5	7.487	82	1206526	84.441	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	531427	137.914	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	2082279	75.181	ng	0.00
79) Terphenyl-d14	13.039	244	2295168	94.844	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.975	88	232070	39.590	ng	# 100
3) Pyridine	3.646	79	414241	26.769	ng	# 90
4) n-Nitrosodimethylamine	3.599	42	340981	44.035	ng	# 45
6) Aniline	6.587	93	246692	13.670	ng	95
8) 2-Chlorophenol	6.710	128	545176	44.987	ng	83
9) Benzaldehyde	6.475	77	210996	19.569	ng	93
10) Phenol	6.563	94	595579	37.017	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	584469	46.125	ng	85
12) 1,3-Dichlorobenzene	6.863	146	580855	41.363	ng	96
13) 1,4-Dichlorobenzene	6.940	146	585496	41.844	ng	96
14) 1,2-Dichlorobenzene	7.092	146	569688	43.275	ng	98
15) Benzyl Alcohol	7.063	79	515701	43.596	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1179335	46.409	ng	99
17) 2-Methylphenol	7.169	107	456842	44.877	ng	96
18) Hexachloroethane	7.434	117	214880	43.855	ng	92
19) n-Nitroso-di-n-propyla...	7.334	70	413866	44.786	ng	# 83
20) 3+4-Methylphenols	7.322	107	532679	41.685	ng	90
22) Acetophenone	7.334	105	766091	41.381	ng	95
24) Nitrobenzene	7.504	77	647232	41.571	ng	# 87
25) Isophorone	7.739	82	1181400	42.860	ng	# 89
26) 2-Nitrophenol	7.816	139	294605	47.388	ng	# 78
27) 2,4-Dimethylphenol	7.851	122	508328	46.706	ng	88
28) bis(2-Chloroethoxy)met...	7.951	93	712898	46.711	ng	# 97
29) 2,4-Dichlorophenol	8.057	162	472758	42.593	ng	94
30) 1,2,4-Trichlorobenzene	8.145	180	498365	41.175	ng	93
31) Naphthalene	8.228	128	1479866	40.170	ng	99
32) Benzoic acid	7.963	122	356730	48.292	ng	87
33) 4-Chloroaniline	8.269	127	69615	4.793	ng	# 93
34) Hexachlorobutadiene	8.339	225	309541	40.108	ng	99
35) Caprolactam	8.645	113	137767m	47.920	ng	
36) 4-Chloro-3-methylphenol	8.751	107	523384	46.190	ng	90
37) 2-Methylnaphthalene	8.916	142	1052161	43.221	ng	100
38) 1-Methylnaphthalene	9.016	142	980520	43.132	ng	95
40) 1,2,4,5-Tetrachloroben...	9.081	216	487126	38.624	ng	99
41) Hexachlorocyclopentadiene	9.069	237	601301	90.748	ng	98
43) 2,4,6-Trichlorophenol	9.192	196	386139	43.483	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.234	196	382981	40.993	ng		91
46)	1,1'-Biphenyl	9.381	154	1216801	39.099	ng		98
47)	2-Chloronaphthalene	9.410	162	1015073	40.137	ng		97
48)	2-Nitroaniline	9.504	65	368252	46.974	ng		86
49)	Acenaphthylene	9.828	152	1543552	41.885	ng		98
50)	Dimethylphthalate	9.686	163	1217609	45.517	ng		98
51)	2,6-Dinitrotoluene	9.745	165	270152	46.574	ng	#	86
52)	Acenaphthene	9.998	154	1051578	46.029	ng		98
53)	3-Nitroaniline	9.910	138	73587	11.764	ng	#	81
54)	2,4-Dinitrophenol	10.016	184	273718	119.464	ng	#	81
55)	Dibenzofuran	10.169	168	1323707	40.260	ng		99
56)	4-Nitrophenol	10.069	139	398638	80.475	ng	#	76
57)	2,4-Dinitrotoluene	10.151	165	359224	51.169	ng	#	99
58)	Fluorene	10.510	166	999148	41.104	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.281	232	309753	44.677	ng	#	87
60)	Diethylphthalate	10.386	149	1208371	46.335	ng		98
61)	4-Chlorophenyl-phenyle...	10.504	204	512942	41.736	ng	#	87
62)	4-Nitroaniline	10.528	138	230197	40.924	ng	#	83
63)	Azobenzene	10.663	77	1250708	42.757	ng		92
65)	4,6-Dinitro-2-methylph...	10.557	198	176449	48.586	ng		83
66)	n-Nitrosodiphenylamine	10.622	169	935143	38.061	ng		98
67)	4-Bromophenyl-phenylether	10.992	248	357009	43.328	ng		96
68)	Hexachlorobenzene	11.057	284	371491	43.826	ng	#	89
69)	Atrazine	11.145	200	215985	30.635	ng		91
70)	Pentachlorophenol	11.251	266	433331	87.552	ng		90
71)	Phenanthrene	11.475	178	1563742	41.359	ng		96
72)	Anthracene	11.527	178	1606306	43.103	ng		98
73)	Carbazole	11.680	167	1290538	37.896	ng		99
74)	Di-n-butylphthalate	12.010	149	1851972	45.827	ng		100
75)	Fluoranthene	12.663	202	1623830	43.284	ng		98
77)	Benzidine	12.780	184	67294	4.998	ng		99
78)	Pyrene	12.892	202	1607793	48.618	ng		95
80)	Butylbenzylphthalate	13.510	149	719722	55.388	ng		93
81)	Benzo(a)anthracene	14.080	228	1183318	42.601	ng		98
82)	3,3'-Dichlorobenzidine	14.039	252	79687	9.255	ng		97
83)	Chrysene	14.116	228	1183958	43.100	ng		97
84)	Bis(2-ethylhexyl)phtha...	14.063	149	909169	50.907	ng		99
85)	Di-n-octyl phthalate	14.680	149	1412570	47.555	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.098	276	1211227	53.077	ng	#	92
88)	Benzo(b)fluoranthene	15.145	252	1042090	45.030	ng	#	96
89)	Benzo(k)fluoranthene	15.174	252	1001404	46.372	ng		99
90)	Benzo(a)pyrene	15.521	252	968994	47.402	ng	#	96
91)	Dibenzo(a,h)anthracene	17.121	278	1019776	51.698	ng	#	96
92)	Benzo(g,h,i)perylene	17.562	276	1037331	54.540	ng	#	89

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

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