Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125190.D
Acq On : 24 Aug 2021 17:50
Operator : JU/CG
Sample : M3521-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
124027MSD

Manual Integrations APPROVED
mohammad
8/25/2021 3:34:41 PM

Quant Time: Aug 25 04:35:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	146745	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	578377	20.000	ng	#	0.00
39) Acenaphthene-d10	9.957	164	301097	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	495715	20.000	ng		0.00
76) Chrysene-d12	14.086	240	342077	20.000	ng	#	0.00
86) Perylene-d12	15.580	264	380390	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.539	112	900071	92.838	ng		0.01
7) Phenol-d6	6.539	99	1124911	89.714	ng		0.00
23) Nitrobenzene-d5	7.481	82	767578	66.813	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	335412	111.595	ng		0.00
45) 2-Fluorobiphenyl	9.274	172	1123579	52.009	ng		0.00
79) Terphenyl-d14	13.021	244	993078	46.249	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	174623	36.501	ng	#	100
3) Pyridine	3.528	79	394444	31.233	ng		90
4) n-Nitrosodimethylamine	3.487	42	259960	41.135	ng	#	53
6) Aniline	6.581	93	585764	39.770	ng	#	95
8) 2-Chlorophenol	6.698	128	411024	41.558	ng	#	79
9) Benzaldehyde	6.469	77	304768	34.634	ng		94
10) Phenol	6.557	94	556817	42.405	ng		96
11) bis(2-Chloroethyl)ether	6.651	93	428412	41.426	ng		86
12) 1,3-Dichlorobenzene	6.857	146	467884	40.824	ng		95
13) 1,4-Dichlorobenzene	6.933	146	479162	41.959	ng		97
14) 1,2-Dichlorobenzene	7.086	146	453619	42.221	ng		98
15) Benzyl Alcohol	7.057	79	398572	41.285	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	875460	42.212	ng		98
17) 2-Methylphenol	7.163	107	345121	41.540	ng	#	94
18) Hexachloroethane	7.428	117	176932	44.245	ng		89
19) n-Nitroso-di-n-propyla...	7.328	70	315793	41.872	ng	#	81
20) 3+4-Methylphenols	7.316	107	419434	40.218	ng		91
22) Acetophenone	7.328	105	605721	40.693	ng	#	95
24) Nitrobenzene	7.498	77	493552	39.426	ng	#	87
25) Isophorone	7.739	82	876418	39.545	ng	#	90
26) 2-Nitrophenol	7.816	139	224881	44.989	ng	#	84
27) 2,4-Dimethylphenol	7.845	122	378908	43.300	ng		87
28) bis(2-Chloroethoxy)met...	7.945	93	531902	43.346	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	362462	40.615	ng		98
30) 1,2,4-Trichlorobenzene	8.139	180	395985	40.690	ng		97
31) Naphthalene	8.222	128	1145047	38.657	ng		99
32) Benzoic acid	7.963	122	246547	41.510	ng	#	86
33) 4-Chloroaniline	8.263	127	308666	26.433	ng	#	88
34) Hexachlorobutadiene	8.339	225	267357	43.085	ng		99
35) Caprolactam	8.633	113	111473m	48.224	ng		
36) 4-Chloro-3-methylphenol	8.745	107	388984	42.695	ng		92
37) 2-Methylnaphthalene	8.910	142	799831	40.863	ng		100
38) 1-Methylnaphthalene	9.010	142	738853	40.423	ng		95
40) 1,2,4,5-Tetrachloroben...	9.080	216	404057	41.074	ng		98
41) Hexachlorocyclopentadiene	9.063	237	475825	92.064	ng		98
43) 2,4,6-Trichlorophenol	9.186	196	279619	40.369	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	294888	40.466	ng	#	91
46) 1,1'-Biphenyl	9.374	154	937117	38.605	ng		99
47) 2-Chloronaphthalene	9.398	162	763643	38.712	ng		99
48) 2-Nitroaniline	9.492	65	269648	44.097	ng	#	79
49) Acenaphthylene	9.816	152	1134254	39.459	ng		97
50) Dimethylphthalate	9.674	163	909084	43.568	ng	#	98
51) 2,6-Dinitrotoluene	9.733	165	196234	43.372	ng	#	78
52) Acenaphthene	9.992	154	773524	43.408	ng		98
53) 3-Nitroaniline	9.904	138	136772	28.032	ng	#	75
54) 2,4-Dinitrophenol	10.010	184	173599	97.137	ng	#	85
55) Dibenzofuran	10.163	168	990081	38.606	ng		99
56) 4-Nitrophenol	10.063	139	295323	76.433	ng	#	79
57) 2,4-Dinitrotoluene	10.139	165	249358	45.537	ng	#	96
58) Fluorene	10.504	166	763482	40.268	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.274	232	238675	44.134	ng	#	84
60) Diethylphthalate	10.374	149	901159	44.301	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	406100	42.362	ng		91
62) 4-Nitroaniline	10.521	138	182061	41.495	ng		87
63) Azobenzene	10.651	77	898096	39.362	ng		92
65) 4,6-Dinitro-2-methylph...	10.545	198	117537	44.799	ng		92
66) n-Nitrosodiphenylamine	10.616	169	746516	42.058	ng		96
67) 4-Bromophenyl-phenylether	10.986	248	267213	44.890	ng		91
68) Hexachlorobenzene	11.051	284	275268	44.951	ng	#	85
69) Atrazine	11.139	200	243069	47.723	ng		92
70) Pentachlorophenol	11.245	266	305280	85.378	ng		91
71) Phenanthrene	11.468	178	1105262	40.465	ng		98
72) Anthracene	11.521	178	1116318	41.464	ng		99
73) Carbazole	11.668	167	939327	38.180	ng		99
74) Di-n-butylphthalate	11.998	149	1314085	45.010	ng		100
75) Fluoranthene	12.657	202	1076360	39.715	ng		97
77) Benzidine	12.774	184	816988	68.385	ng		97
78) Pyrene	12.886	202	1072072	36.535	ng		96
80) Butylbenzylphthalate	13.498	149	474705	41.171	ng		87
81) Benzo(a)anthracene	14.074	228	976578	39.623	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	267280	34.984	ng	#	98
83) Chrysene	14.109	228	966981	39.672	ng		98
84) Bis(2-ethylhexyl)phtha...	14.057	149	713989	45.055	ng		100
85) Di-n-octyl phthalate	14.674	149	1204115	45.685	ng		99
87) Indeno(1,2,3-cd)pyrene	17.103	276	1234206	45.037	ng	#	89
88) Benzo(b)fluoranthene	15.139	252	1131617	40.720	ng	#	95
89) Benzo(k)fluoranthene	15.174	252	950502	36.653	ng		98
90) Benzo(a)pyrene	15.521	252	1046196	42.618	ng	#	95
91) Dibenzo(a,h)anthracene	17.121	278	1025622	43.297	ng	#	94
92) Benzo(g,h,i)perylene	17.562	276	1019493	44.636	ng	#	89

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

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