Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126662.D
Acq On : 25 Jan 2022 14:42
Operator : CG/JU
Sample : N1235-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

Quant Time: Jan 26 00:20:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	111791	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	425205	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	218554	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	335223	20.000	ng		0.00
76) Chrysene-d12	14.151	240	216163	20.000	ng	#	0.00
86) Perylene-d12	15.668	264	236403	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	989801	116.510	ng		0.02
7) Phenol-d6	6.587	99	1241478	105.180	ng		0.00
23) Nitrobenzene-d5	7.528	82	1075902	99.039	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	274328	134.124	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1321500	92.603	ng		0.00
79) Terphenyl-d14	13.086	244	1185830	92.012	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.028	88	179229	42.806	ng	#	78
3) Pyridine	3.710	79	387915	33.074	ng	#	84
4) n-Nitrosodimethylamine	3.669	42	189673	45.705	ng		85
6) Aniline	6.628	93	218852	14.796	ng		99
8) 2-Chlorophenol	6.751	128	370933	47.604	ng		94
9) Benzaldehyde	6.522	77	282037	38.154	ng		83
10) Phenol	6.598	94	492968	39.268	ng		92
11) bis(2-Chloroethyl)ether	6.704	93	488171	47.919	ng		93
12) 1,3-Dichlorobenzene	6.910	146	373277m	43.152	ng		
13) 1,4-Dichlorobenzene	6.987	146	377102	43.170	ng		96
14) 1,2-Dichlorobenzene	7.134	146	362760	44.050	ng		96
15) Benzyl Alcohol	7.104	79	462359	43.937	ng		89
16) 2,2'-oxybis(1-Chloropr...	7.234	45	521046	44.830	ng		82
17) 2-Methylphenol	7.210	107	345628	45.116	ng	#	90
18) Hexachloroethane	7.481	117	150861	42.772	ng	#	89
19) n-Nitroso-di-n-propyla...	7.375	70	377128	43.777	ng	#	86
20) 3+4-Methylphenols	7.357	107	416839	41.964	ng	#	76
22) Acetophenone	7.375	105	611040	46.631	ng	#	90
24) Nitrobenzene	7.545	77	575785	51.342	ng	#	85
25) Isophorone	7.787	82	971665	46.121	ng		94
26) 2-Nitrophenol	7.863	139	178270	60.937	ng	#	68
27) 2,4-Dimethylphenol	7.892	122	339957	48.968	ng		85
28) bis(2-Chloroethoxy)met...	7.992	93	597892	45.503	ng	#	98
29) 2,4-Dichlorophenol	8.098	162	301885	45.841	ng		97
30) 1,2,4-Trichlorobenzene	8.187	180	320600	45.396	ng		99
31) Naphthalene	8.269	128	1061304	46.203	ng		100
32) Benzoic acid	7.957	122	67463m	17.130	ng		
33) 4-Chloroaniline	8.310	127	69784	7.604	ng	#	91
34) Hexachlorobutadiene	8.381	225	205260	45.692	ng		97
35) Caprolactam	8.681	113	74845m	31.826	ng		
36) 4-Chloro-3-methylphenol	8.787	107	369994	42.963	ng		87
37) 2-Methylnaphthalene	8.963	142	666582	46.661	ng		96
38) 1-Methylnaphthalene	9.063	142	631967	45.642	ng		98
40) 1,2,4,5-Tetrachloroben...	9.128	216	313175	51.088	ng		98
41) Hexachlorocyclopentadiene	9.110	237	382279	102.425	ng		94
43) 2,4,6-Trichlorophenol	9.234	196	205497	47.025	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.275	196	211063	46.634	ng	#	90
46)	1,1'-Biphenyl	9.428	154	811261	49.271	ng		98
47)	2-Chloronaphthalene	9.451	162	631360	48.806	ng		96
48)	2-Nitroaniline	9.545	65	260869	58.406	ng	#	88
49)	Acenaphthylene	9.875	152	991226	48.848	ng		98
50)	Dimethylphthalate	9.728	163	701382	45.247	ng		99
51)	2,6-Dinitrotoluene	9.786	165	152281	56.852	ng	#	71
52)	Acenaphthene	10.045	154	595632	48.012	ng		96
53)	3-Nitroaniline	9.957	138	55943	18.267	ng	#	83
54)	2,4-Dinitrophenol	10.057	184	56624	52.064	ng	#	80
55)	Dibenzofuran	10.216	168	846974	45.431	ng		96
56)	4-Nitrophenol	10.110	139	202945	83.220	ng	#	66
57)	2,4-Dinitrotoluene	10.192	165	196560	60.558	ng	#	90
58)	Fluorene	10.557	166	643246	45.699	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.328	232	171896	46.455	ng	#	85
60)	Diethylphthalate	10.428	149	675023	43.808	ng		98
61)	4-Chlorophenyl-phenyle...	10.551	204	318159	45.258	ng		89
62)	4-Nitroaniline	10.575	138	133151	44.799	ng	#	62
63)	Azobenzene	10.710	77	992505	43.524	ng		91
65)	4,6-Dinitro-2-methylph...	10.598	198	56890	37.438	ng		90
66)	n-Nitrosodiphenylamine	10.669	169	550587	48.657	ng		100
67)	4-Bromophenyl-phenylether	11.039	248	190186	49.227	ng		97
68)	Hexachlorobenzene	11.104	284	210375	51.037	ng		92
69)	Atrazine	11.192	200	176145	48.741	ng		94
70)	Pentachlorophenol	11.298	266	214069	89.309	ng		99
71)	Phenanthrene	11.528	178	917106	47.886	ng		100
72)	Anthracene	11.580	178	941003	48.971	ng		99
73)	Carbazole	11.727	167	779617	43.215	ng		99
74)	Di-n-butylphthalate	12.057	149	976306	44.878	ng	#	98
75)	Fluoranthene	12.716	202	833349	44.053	ng		97
77)	Benzidine	12.833	184	134244	18.002	ng		97
78)	Pyrene	12.945	202	835057	47.770	ng		99
80)	Butylbenzylphthalate	13.563	149	343172	45.187	ng	#	92
81)	Benzo(a)anthracene	14.139	228	720490	49.038	ng		99
82)	3,3'-Dichlorobenzidine	14.098	252	103586	21.461	ng	#	95
83)	Chrysene	14.174	228	685373	48.480	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.116	149	480855	46.752	ng		98
85)	Di-n-octyl phthalate	14.739	149	776429	49.306	ng		95
87)	Indeno(1,2,3-cd)pyrene	17.239	276	831032	56.895	ng	#	87
88)	Benzo(b)fluoranthene	15.216	252	756992	48.287	ng	#	94
89)	Benzo(k)fluoranthene	15.251	252	717305	46.601	ng	#	94
90)	Benzo(a)pyrene	15.610	252	728297	57.097	ng	#	92
91)	Dibenzo(a,h)anthracene	17.262	278	715516	59.132	ng	#	91
92)	Benzo(g,h,i)perylene	17.721	276	705121	59.429	ng	#	86

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

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