Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008862.D
Acq On : 19 Jan 2022 19:49
Operator : CG/JU
Sample : N1176-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-9MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022

Quant Time: Jan 20 05:31:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.846	152	228458	20.000	ng		-0.01
21) Naphthalene-d8	10.646	136	778281	20.000	ng		-0.01
39) Acenaphthene-d10	14.487	164	440228	20.000	ng		-0.01
64) Phenanthrene-d10	17.240	188	922612	20.000	ng		-0.01
76) Chrysene-d12	21.333	240	1164908	20.000	ng		-0.01
86) Perylene-d12	23.751	264	1371810	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1549359	104.875	ng		0.00
7) Phenol-d6	7.028	99	1840123	102.859	ng		0.00
23) Nitrobenzene-d5	9.005	82	1147687	83.721	ng		-0.01
42) 2,4,6-Tribromophenol	15.981	330	686737	107.169	ng		-0.01
45) 2-Fluorobiphenyl	13.110	172	2646707	79.284	ng		-0.01
79) Terphenyl-d14	19.804	244	4264938	61.799	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	274833	45.962	ng		97
3) Pyridine	3.740	79	649072	51.827	ng		97
4) n-Nitrosodimethylamine	3.652	42	289815	49.324	ng		86
6) Aniline	7.175	93	416097	18.635	ng		97
8) 2-Chlorophenol	7.417	128	689659	43.832	ng		99
9) Benzaldehyde	6.987	77	384915	32.192	ng		98
10) Phenol	7.052	94	797492	43.726	ng		95
11) bis(2-Chloroethyl)ether	7.269	93	641109	44.181	ng		98
12) 1,3-Dichlorobenzene	7.740	146	842004	44.938	ng		98
13) 1,4-Dichlorobenzene	7.881	146	854850	45.016	ng		99
14) 1,2-Dichlorobenzene	8.199	146	801946	44.289	ng		99
15) Benzyl Alcohol	8.093	79	535414	42.661	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.381	45	689755	42.504	ng		99
17) 2-Methylphenol	8.299	107	509990	41.739	ng		97
18) Hexachloroethane	8.928	117	285924	44.361	ng		99
19) n-Nitroso-di-n-propyla...	8.658	70	436512	41.741	ng		96
20) 3+4-Methylphenols	8.628	107	666319	41.079	ng		98
22) Acetophenone	8.675	105	970266	48.939	ng	#	96
24) Nitrobenzene	9.052	77	659775	47.647	ng		97
25) Isophorone	9.581	82	1119239	45.178	ng		98
26) 2-Nitrophenol	9.763	139	318520	43.754	ng		92
27) 2,4-Dimethylphenol	9.834	122	549847	44.299	ng		98
28) bis(2-Chloroethoxy)met...	10.063	93	715642	44.268	ng		98
29) 2,4-Dichlorophenol	10.305	162	595120	43.938	ng		100
30) 1,2,4-Trichlorobenzene	10.516	180	727411	45.848	ng		99
31) Naphthalene	10.699	128	2049789	48.491	ng		100
32) Benzoic acid	9.987	122	354854	49.817	ng		97
33) 4-Chloroaniline	10.810	127	214590	12.457	ng		96
34) Hexachlorobutadiene	10.993	225	452911	45.690	ng		99
35) Caprolactam	11.605	113	194057m	51.973	ng		
36) 4-Chloro-3-methylphenol	11.952	107	526053	43.051	ng		99
37) 2-Methylnaphthalene	12.310	142	1558113	50.421	ng		98
38) 1-Methylnaphthalene	12.528	142	1343664	47.372	ng		100
40) 1,2,4,5-Tetrachloroben...	12.681	216	763866	47.590	ng		99
41) Hexachlorocyclopentadiene	12.663	237	546999	66.600	ng		99
43) 2,4,6-Trichlorophenol	12.928	196	466423	46.998	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.004	196	499710	46.783	ng		97
46)	1,1'-Biphenyl	13.322	154	1731589	48.346	ng		99
47)	2-Chloronaphthalene	13.363	162	1296235	46.935	ng		99
48)	2-Nitroaniline	13.569	65	306468	49.978	ng		96
49)	Acenaphthylene	14.210	152	1978277	47.412	ng		100
50)	Dimethylphthalate	13.946	163	1473265	45.061	ng		100
51)	2,6-Dinitrotoluene	14.063	165	322946	46.573	ng		89
52)	Acenaphthene	14.551	154	1175849	47.514	ng		99
53)	3-Nitroaniline	14.393	138	163762	24.014	ng		96
54)	2,4-Dinitrophenol	14.604	184	155083	55.300	ng	#	91
55)	Dibenzofuran	14.887	168	1907844	47.311	ng		98
56)	4-Nitrophenol	14.722	139	578088	117.719	ng		92
57)	2,4-Dinitrotoluene	14.857	165	442882	49.655	ng	#	91
58)	Fluorene	15.540	166	1543563	48.462	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.122	232	428752	48.729	ng	#	86
60)	Diethylphthalate	15.316	149	1430235	46.103	ng		98
61)	4-Chlorophenyl-phenyle...	15.534	204	792407	45.670	ng		98
62)	4-Nitroaniline	15.557	138	304580	46.116	ng		88
63)	Azobenzene	15.828	77	1250935	48.569	ng		96
65)	4,6-Dinitro-2-methylph...	15.622	198	106608	23.128	ng		85
66)	n-Nitrosodiphenylamine	15.751	169	1339021	45.094	ng		99
67)	4-Bromophenyl-phenylether	16.428	248	493884	42.870	ng		95
68)	Hexachlorobenzene	16.551	284	569343	43.127	ng		96
69)	Atrazine	16.710	200	480139	43.512	ng		98
70)	Pentachlorophenol	16.898	266	785422	111.692	ng		99
71)	Phenanthrene	17.287	178	2606969	50.186	ng		99
72)	Anthracene	17.375	178	2560509	49.136	ng		100
73)	Carbazole	17.651	167	2301818	51.372	ng		99
74)	Di-n-butylphthalate	18.204	149	2564404	47.557	ng		99
75)	Fluoranthene	19.257	202	3432467	59.419	ng		96
77)	Benzidine	19.439	184	1804537	43.849	ng		98
78)	Pyrene	19.610	202	3561843	43.821	ng		98
80)	Butylbenzylphthalate	20.481	149	1325435	40.545	ng		96
81)	Benzo(a)anthracene	21.322	228	3866038	49.331	ng		99
82)	3,3'-Dichlorobenzidine	21.251	252	1301271	38.434	ng		99
83)	Chrysene	21.375	228	3742692	49.265	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.245	149	1993039	39.369	ng		97
85)	Di-n-octyl phthalate	22.175	149	3720270	43.441	ng		100
87)	Indeno(1,2,3-cd)pyrene	26.286	276	5401922	47.788	ng		98
88)	Benzo(b)fluoranthene	23.022	252	4576248	49.952	ng		99
89)	Benzo(k)fluoranthene	23.069	252	4080384	46.012	ng		99
90)	Benzo(a)pyrene	23.651	252	4376561	49.493	ng		99
91)	Dibenzo(a,h)anthracene	26.304	278	4427739	46.065	ng		99
92)	Benzo(g,h,i)perylene	27.063	276	4516448	48.125	ng		99

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

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