Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008825.D
Acq On : 17 Jan 2022 15:54
Operator : CG/JU
Sample : N1136-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-6DMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022

Quant Time: Jan 18 03:42:57 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	7.852	152	393475	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	1428284	20.000	ng		0.00
39) Acenaphthene-d10	14.493	164	845955	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1529477	20.000	ng		0.00
76) Chrysene-d12	21.339	240	1058815	20.000	ng		0.00
86) Perylene-d12	23.769	264	1267557	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	2503480	98.391	ng		0.00
7) Phenol-d6	7.034	99	3023306	98.123	ng		0.00
23) Nitrobenzene-d5	9.016	82	1859795	73.926	ng		0.00
42) 2,4,6-Tribromophenol	15.987	330	1202526	97.657	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	4580995	71.412	ng		0.00
79) Terphenyl-d14	19.810	244	4653963	74.192	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	401397	38.975	ng		96
3) Pyridine	3.746	79	1018933	47.239	ng		97
4) n-Nitrosodimethylamine	3.652	42	479133	47.346	ng		84
6) Aniline	7.181	93	1071977	27.875	ng		98
8) 2-Chlorophenol	7.422	128	1264863	46.676	ng		99
9) Benzaldehyde	6.993	77	667927	32.434	ng		99
10) Phenol	7.058	94	1518557	48.343	ng		96
11) bis(2-Chloroethyl)ether	7.275	93	1136970	45.492	ng		97
12) 1,3-Dichlorobenzene	7.740	146	1435874	44.494	ng		98
13) 1,4-Dichlorobenzene	7.887	146	1461468	44.684	ng		99
14) 1,2-Dichlorobenzene	8.205	146	1383258	44.355	ng		100
15) Benzyl Alcohol	8.099	79	993028	45.940	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1260992	45.117	ng		99
17) 2-Methylphenol	8.305	107	961254	45.678	ng		97
18) Hexachloroethane	8.934	117	503958	45.398	ng		97
19) n-Nitroso-di-n-propyla...	8.669	70	811495	45.055	ng		97
20) 3+4-Methylphenols	8.634	107	1277240	45.719	ng		99
22) Acetophenone	8.681	105	1731408	47.587	ng	#	96
24) Nitrobenzene	9.058	77	1220197	48.017	ng		98
25) Isophorone	9.587	82	2141709	47.107	ng		99
26) 2-Nitrophenol	9.769	139	659074	49.333	ng		93
27) 2,4-Dimethylphenol	9.834	122	1043295	45.802	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	1399922	47.187	ng		100
29) 2,4-Dichlorophenol	10.310	162	1188690	47.821	ng		100
30) 1,2,4-Trichlorobenzene	10.516	180	1356483	46.588	ng		99
31) Naphthalene	10.705	128	3589072	46.266	ng		99
32) Benzoic acid	10.028	122	728495	55.728	ng		98
33) 4-Chloroaniline	10.816	127	321272	10.163	ng		98
34) Hexachlorobutadiene	10.993	225	856056	47.058	ng		100
35) Caprolactam	11.622	113	313970	45.820	ng		97
36) 4-Chloro-3-methylphenol	11.957	107	1060098	47.274	ng		99
37) 2-Methylnaphthalene	12.316	142	2603453	45.908	ng		98
38) 1-Methylnaphthalene	12.534	142	2388798	45.891	ng		100
40) 1,2,4,5-Tetrachloroben...	12.687	216	1517090	49.185	ng		99
41) Hexachlorocyclopentadiene	12.669	237	1450248	91.889	ng		99
43) 2,4,6-Trichlorophenol	12.928	196	940799	49.332	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	987302	48.101	ng	97
46) 1,1'-Biphenyl	13.328	154	3312908	48.134	ng	100
47) 2-Chloronaphthalene	13.369	162	2549103	48.033	ng	100
48) 2-Nitroaniline	13.575	65	587223	49.834	ng	97
49) Acenaphthylene	14.216	152	3796740	47.353	ng	100
50) Dimethylphthalate	13.957	163	2969952	47.271	ng	100
51) 2,6-Dinitrotoluene	14.069	165	656025	49.233	ng	94
52) Acenaphthene	14.557	154	2270981	47.755	ng	99
53) 3-Nitroaniline	14.399	138	279678	21.342	ng	97
54) 2,4-Dinitrophenol	14.610	184	653247	121.219	ng	93
55) Dibenzofuran	14.893	168	3630716	46.854	ng	99
56) 4-Nitrophenol	14.722	139	949519	100.621	ng	90
57) 2,4-Dinitrotoluene	14.863	165	855976	49.942	ng	92
58) Fluorene	15.546	166	2873103	46.942	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.128	232	806641m	47.708	ng	
60) Diethylphthalate	15.322	149	2827314	47.427	ng	98
61) 4-Chlorophenyl-phenyle...	15.540	204	1586026	47.569	ng	100
62) 4-Nitroaniline	15.563	138	556726	43.865	ng	90
63) Azobenzene	15.834	77	2392706	48.344	ng	95
65) 4,6-Dinitro-2-methylph...	15.628	198	421769	55.195	ng	91
66) n-Nitrosodiphenylamine	15.757	169	2461782	50.010	ng	99
67) 4-Bromophenyl-phenylether	16.434	248	955199	50.015	ng	97
68) Hexachlorobenzene	16.557	284	1054956	48.204	ng	98
69) Atrazine	16.716	200	865416	47.309	ng	99
70) Pentachlorophenol	16.904	266	1160939	99.588	ng	99
71) Phenanthrene	17.292	178	4092020	47.518	ng	99
72) Anthracene	17.381	178	4128582	47.792	ng	99
73) Carbazole	17.657	167	3409291	45.898	ng	99
74) Di-n-butylphthalate	18.210	149	4381418	49.014	ng	99
75) Fluoranthene	19.263	202	4029585	42.078	ng	97
77) Benzidine	19.439	184	1443315	38.586	ng	99
78) Pyrene	19.616	202	4001692	54.165	ng	98
80) Butylbenzylphthalate	20.492	149	1538955	51.794	ng	99
81) Benzo(a)anthracene	21.328	228	3356716	47.123	ng	98
82) 3,3'-Dichlorobenzidine	21.257	252	1190869	38.697	ng	98
83) Chrysene	21.380	228	3271195	47.373	ng	98
84) Bis(2-ethylhexyl)phtha...	21.257	149	2233971	48.549	ng	97
85) Di-n-octyl phthalate	22.186	149	3438183	44.170	ng	99
87) Indeno(1,2,3-cd)pyrene	26.304	276	5378851	51.497	ng	98
88) Benzo(b)fluoranthene	23.027	252	3836407	45.320	ng	99
89) Benzo(k)fluoranthene	23.075	252	3769570	46.004	ng	98
90) Benzo(a)pyrene	23.663	252	3894345	47.662	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	4526844	50.969	ng	99
92) Benzo(g,h,i)perylene	27.086	276	4484433	51.714	ng	99

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

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