Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011022\
Data File : BP008753.D
Acq On : 10 Jan 2022 16:12
Operator : CG/JU
Sample : N1054-06MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220018-CAPE-6-COMPMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

Quant Time: Jan 11 03:18:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 07:45:52 2022
Response via : Initial Calibration

01/11/2022
Supervised By :Jagrut Upadhyay

01/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	329771	20.000	ng		-0.01
21) Naphthalene-d8	10.669	136	1165465	20.000	ng		-0.01
39) Acenaphthene-d10	14.504	164	769781	20.000	ng		-0.01
64) Phenanthrene-d10	17.257	188	1350126	20.000	ng		-0.01
76) Chrysene-d12	21.351	240	1239613	20.000	ng		0.00
86) Perylene-d12	23.774	264	1308280	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	2937334	139.483	ng		0.00
7) Phenol-d6	7.046	99	2895404	102.420	ng		0.00
23) Nitrobenzene-d5	9.028	82	1745010	84.795	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1392191	107.199	ng		-0.01
45) 2-Fluorobiphenyl	13.134	172	4298758	78.510	ng		0.00
79) Terphenyl-d14	19.822	244	5404440	88.846	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	395534	49.801	ng		97
3) Pyridine	3.758	79	957624	51.257	ng		97
4) n-Nitrosodimethylamine	3.664	42	416901	50.079	ng		90
6) Aniline	7.193	93	737599	20.769	ng		98
8) 2-Chlorophenol	7.434	128	949509	39.896	ng		100
9) Benzaldehyde	7.005	77	514922	26.913	ng		98
10) Phenol	7.069	94	1084051	37.474	ng		96
11) bis(2-Chloroethyl)ether	7.293	93	842814	37.587	ng		100
12) 1,3-Dichlorobenzene	7.758	146	1135068	42.215	ng		100
13) 1,4-Dichlorobenzene	7.905	146	1147783	41.773	ng		100
14) 1,2-Dichlorobenzene	8.222	146	1090302	40.921	ng		99
15) Benzyl Alcohol	8.110	79	731195	34.817	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.405	45	879966	34.431	ng		98
17) 2-Methylphenol	8.322	107	725155	36.361	ng		98
18) Hexachloroethane	8.952	117	385403	41.700	ng		96
19) n-Nitroso-di-n-propyla...	8.681	70	579873	31.593	ng		98
20) 3+4-Methylphenols	8.646	107	953355	34.452	ng		99
22) Acetophenone	8.693	105	1294033	42.080	ng	#	99
24) Nitrobenzene	9.069	77	883194	42.395	ng		99
25) Isophorone	9.599	82	1520543	37.569	ng		98
26) 2-Nitrophenol	9.781	139	505758	46.553	ng		97
27) 2,4-Dimethylphenol	9.852	122	794884	40.846	ng		99
28) bis(2-Chloroethoxy)met...	10.081	93	1012454	40.119	ng		99
29) 2,4-Dichlorophenol	10.322	162	885858	42.464	ng		99
30) 1,2,4-Trichlorobenzene	10.534	180	1041462	45.825	ng		99
31) Naphthalene	10.722	128	2716074	43.102	ng		99
32) Benzoic acid	10.004	122	561629	43.166	ng		99
33) 4-Chloroaniline	10.828	127	195729	6.921	ng		98
34) Hexachlorobutadiene	11.016	225	662993	48.251	ng		100
35) Caprolactam	11.628	113	237376	32.020	ng		97
36) 4-Chloro-3-methylphenol	11.963	107	793908	37.573	ng		98
37) 2-Methylnaphthalene	12.334	142	1953645	39.405	ng		98
38) 1-Methylnaphthalene	12.551	142	1801126	39.115	ng		100
40) 1,2,4,5-Tetrachloroben...	12.704	216	1141579	44.613	ng		99
41) Hexachlorocyclopentadiene	12.687	237	1222925	80.389	ng		100
43) 2,4,6-Trichlorophenol	12.945	196	711977	41.790	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	761835	40.680	ng	100
46) 1,1'-Biphenyl	13.340	154	2685977	44.762	ng	100
47) 2-Chloronaphthalene	13.381	162	2075034	45.054	ng	99
48) 2-Nitroaniline	13.581	65	484324	43.081	ng	98
49) Acenaphthylene	14.228	152	3300740	45.111	ng	100
50) Dimethylphthalate	13.963	163	2413128	39.447	ng	99
51) 2,6-Dinitrotoluene	14.081	165	535902	40.508	ng	97
52) Acenaphthene	14.569	154	1886946	43.058	ng	99
53) 3-Nitroaniline	14.404	138	220286	16.315	ng	95
54) 2,4-Dinitrophenol	14.616	184	572444	84.849	ng	98
55) Dibenzofuran	14.904	168	3046258	42.149	ng	99
56) 4-Nitrophenol	14.728	139	867108	77.125	ng	97
57) 2,4-Dinitrotoluene	14.869	165	756980	41.921	ng	95
58) Fluorene	15.557	166	2196456	37.754	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	681734m	40.509	ng	
60) Diethylphthalate	15.334	149	2217377	37.382	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	1187898	38.057	ng	98
62) 4-Nitroaniline	15.569	138	440501	31.422	ng	97
63) Azobenzene	15.845	77	1709718	36.771	ng	99
65) 4,6-Dinitro-2-methylph...	15.634	198	349229	46.620	ng	97
66) n-Nitrosodiphenylamine	15.763	169	1907278	46.615	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	765853	47.943	ng	98
68) Hexachlorobenzene	16.569	284	886014	47.671	ng	98
69) Atrazine	16.722	200	696283	41.924	ng	99
70) Pentachlorophenol	16.916	266	1080068	93.088	ng	99
71) Phenanthrene	17.304	178	3358447	44.771	ng	98
72) Anthracene	17.392	178	3434877	44.837	ng	100
73) Carbazole	17.663	167	2986226	42.533	ng	99
74) Di-n-butylphthalate	18.222	149	3528501	43.895	ng	99
75) Fluoranthene	19.269	202	3801951	42.326	ng	97
77) Benzidine	19.445	184	840561	15.847	ng	98
78) Pyrene	19.622	202	3901409	48.133	ng	98
80) Butylbenzylphthalate	20.498	149	1510490	45.578	ng	96
81) Benzo(a)anthracene	21.333	228	3584460	44.076	ng	97
82) 3,3'-Dichlorobenzidine	21.263	252	1025183	27.749	ng	99
83) Chrysene	21.386	228	3492800	44.523	ng	97
84) Bis(2-ethylhexyl)phtha...	21.263	149	2199965	45.466	ng	98
85) Di-n-octyl phthalate	22.192	149	3727254	43.400	ng	99
87) Indeno(1,2,3-cd)pyrene	26.304	276	4668109	44.654	ng	98
88) Benzo(b)fluoranthene	23.033	252	3834510	44.857	ng	99
89) Benzo(k)fluoranthene	23.080	252	3679338	45.991	ng	98
90) Benzo(a)pyrene	23.663	252	3681614	44.560	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	3966656	44.907	ng	98
92) Benzo(g,h,i)perylene	27.080	276	3942323	44.962	ng	98

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

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