Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011122\
Data File : BP008765.D
Acq On : 11 Jan 2022 13:57
Operator : CG/JU
Sample : N1054-06MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022

Quant Time: Jan 12 00:19:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 12 00:18:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	326096	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1233926	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	754633	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1485296	20.000	ng		0.00
76) Chrysene-d12	21.339	240	1397791	20.000	ng		0.00
86) Perylene-d12	23.763	264	1465682	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	2684094	128.894	ng		0.00
7) Phenol-d6	7.040	99	3234093	115.690	ng		0.00
23) Nitrobenzene-d5	9.022	82	1890059	86.747	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	1340229	105.269	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	4637346	86.394	ng		0.00
79) Terphenyl-d14	19.810	244	5923528	86.359	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	334136	42.544	ng		97
3) Pyridine	3.746	79	932918	50.498	ng		96
4) n-Nitrosodimethylamine	3.658	42	373824	45.411	ng		91
6) Aniline	7.193	93	869960	24.772	ng		99
8) 2-Chlorophenol	7.434	128	1005909	42.742	ng		100
9) Benzaldehyde	6.999	77	544472	28.778	ng		98
10) Phenol	7.063	94	1218550	42.598	ng		95
11) bis(2-Chloroethyl)ether	7.287	93	924777	41.708	ng		98
12) 1,3-Dichlorobenzene	7.752	146	1134474	42.669	ng		99
13) 1,4-Dichlorobenzene	7.899	146	1157154	42.588	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1096735	41.626	ng		98
15) Benzyl Alcohol	8.105	79	794415	38.253	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.399	45	1015382	40.178	ng		99
17) 2-Methylphenol	8.316	107	787047	39.909	ng		97
18) Hexachloroethane	8.946	117	391139	42.798	ng		100
19) n-Nitroso-di-n-propyla...	8.675	70	644456	35.507	ng		97
20) 3+4-Methylphenols	8.646	107	1051515	38.428	ng		97
22) Acetophenone	8.687	105	1395632	42.866	ng	#	98
24) Nitrobenzene	9.063	77	974879	44.199	ng		96
25) Isophorone	9.599	82	1713396	39.985	ng		98
26) 2-Nitrophenol	9.775	139	509280	44.276	ng		94
27) 2,4-Dimethylphenol	9.846	122	873896	42.415	ng		99
28) bis(2-Chloroethoxy)met...	10.081	93	1135875	42.513	ng		99
29) 2,4-Dichlorophenol	10.316	162	964817	43.683	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	1066115	44.307	ng		100
31) Naphthalene	10.716	128	2902324	43.503	ng		100
32) Benzoic acid	10.004	122	600623	43.602	ng		97
33) 4-Chloroaniline	10.828	127	489587	16.351	ng		97
34) Hexachlorobutadiene	11.010	225	649859	44.671	ng		99
35) Caprolactam	11.622	113	262460	33.440	ng		96
36) 4-Chloro-3-methylphenol	11.957	107	875865	39.152	ng		98
37) 2-Methylnaphthalene	12.328	142	2126078	40.504	ng		99
38) 1-Methylnaphthalene	12.545	142	1950306	40.005	ng		100
40) 1,2,4,5-Tetrachloroben...	12.698	216	1196889	47.714	ng		98
41) Hexachlorocyclopentadiene	12.681	237	1175108	78.797	ng		99
43) 2,4,6-Trichlorophenol	12.940	196	762543	45.657	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	820628	44.699	ng	98
46) 1,1'-Biphenyl	13.334	154	2725283	46.328	ng	99
47) 2-Chloronaphthalene	13.375	162	2082665	46.127	ng	100
48) 2-Nitroaniline	13.581	65	490322	44.490	ng	99
49) Acenaphthylene	14.222	152	3180042	44.334	ng	100
50) Dimethylphthalate	13.963	163	2472261	41.225	ng	100
51) 2,6-Dinitrotoluene	14.075	165	542473	41.828	ng	94
52) Acenaphthene	14.563	154	1918338	44.653	ng	99
53) 3-Nitroaniline	14.404	138	355121	26.829	ng	100
54) 2,4-Dinitrophenol	14.610	184	592130	89.528	ng	93
55) Dibenzofuran	14.898	168	3049972	43.048	ng	98
56) 4-Nitrophenol	14.722	139	914499	82.973	ng	93
57) 2,4-Dinitrotoluene	14.863	165	734880	41.514	ng	91
58) Fluorene	15.551	166	2447178	42.908	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.128	232	677990m	41.096	ng	
60) Diethylphthalate	15.328	149	2366164	40.691	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1299790	42.478	ng	98
62) 4-Nitroaniline	15.569	138	514515	37.438	ng	90
63) Azobenzene	15.839	77	2053780	45.057	ng	95
65) 4,6-Dinitro-2-methylph...	15.628	198	377477	45.805	ng	92
66) n-Nitrosodiphenylamine	15.763	169	2115351	46.995	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	797841	45.400	ng	98
68) Hexachlorobenzene	16.563	284	890982	43.576	ng	98
69) Atrazine	16.716	200	736956	40.335	ng	99
70) Pentachlorophenol	16.910	266	1091477	85.510	ng	99
71) Phenanthrene	17.298	178	3741304	45.336	ng	99
72) Anthracene	17.386	178	3772382	44.761	ng	100
73) Carbazole	17.657	167	3348193	43.349	ng	99
74) Di-n-butylphthalate	18.216	149	3974263	44.941	ng	99
75) Fluoranthene	19.263	202	4307194	43.587	ng	98
77) Benzidine	19.439	184	1544395	25.822	ng	99
78) Pyrene	19.616	202	4435869	48.534	ng	98
80) Butylbenzylphthalate	20.492	149	1706763	45.672	ng	98
81) Benzo(a)anthracene	21.327	228	4165629	45.426	ng	98
82) 3,3'-Dichlorobenzidine	21.257	252	1359469	32.633	ng	98
83) Chrysene	21.380	228	4006197	45.288	ng	98
84) Bis(2-ethylhexyl)phtha...	21.257	149	2546519	46.673	ng	97
85) Di-n-octyl phthalate	22.186	149	4258930	43.979	ng	98
87) Indeno(1,2,3-cd)pyrene	26.292	276	5365766	45.816	ng	99
88) Benzo(b)fluoranthene	23.021	252	4379472	45.731	ng	99
89) Benzo(k)fluoranthene	23.068	252	4284277	47.802	ng	99
90) Benzo(a)pyrene	23.651	252	4267062	46.100	ng	99
91) Dibenzo(a,h)anthracene	26.304	278	4542409	45.902	ng	99
92) Benzo(g,h,i)perylene	27.056	276	4469063	45.496	ng	100

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

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