Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
Data File : BP011825.D
Acq On : 27 Sep 2022 20:39
Operator : CG/JU
Sample : N4815-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

Quant Time: Sep 28 02:10:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:03:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	387240	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	1751217	20.000	ng	#	0.00
39) Acenaphthene-d10	14.557	164	1084701	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	2244450	20.000	ng		0.00
76) Chrysene-d12	21.398	240	2135207	20.000	ng		0.00
86) Perylene-d12	23.839	264	2306451	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	3288319	148.995	ng		0.00
7) Phenol-d6	7.075	99	4474104	137.105	ng		0.00
23) Nitrobenzene-d5	9.081	82	2434545	72.764	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	1310750	179.461	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	5520030	80.477	ng		0.00
79) Terphenyl-d14	19.863	244	8185836	88.151	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	360921	38.895	ng		93
3) Pyridine	3.752	79	1110534	38.779	ng		91
4) n-Nitrosodimethylamine	3.664	42	490081	38.698	ng	#	82
6) Aniline	7.234	93	1579850	38.918	ng		97
8) 2-Chlorophenol	7.469	128	1469108	54.713	ng		94
9) Benzaldehyde	7.046	77	789688m	38.680	ng		
10) Phenol	7.105	94	1968032	53.539	ng		97
11) bis(2-Chloroethyl)ether	7.334	93	1345938	46.257	ng		94
12) 1,3-Dichlorobenzene	7.799	146	1387376	49.171	ng		97
13) 1,4-Dichlorobenzene	7.946	146	1419801	49.106	ng		99
14) 1,2-Dichlorobenzene	8.263	146	1389287	49.116	ng		99
15) Benzyl Alcohol	8.152	79	1197930m	49.685	ng		
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1767336	36.772	ng		93
17) 2-Methylphenol	8.358	107	1252575	51.989	ng		97
18) Hexachloroethane	8.993	117	496335	44.838	ng		96
19) n-Nitroso-di-n-propyla...	8.728	70	1014360	42.281	ng		89
20) 3+4-Methylphenols	8.687	107	1718678	50.806	ng		98
22) Acetophenone	8.740	105	2073438	47.135	ng		94
24) Nitrobenzene	9.122	77	1497378	43.315	ng		95
25) Isophorone	9.652	82	2912117	46.395	ng		98
26) 2-Nitrophenol	9.834	139	719864	51.315	ng		92
27) 2,4-Dimethylphenol	9.893	122	1374067	61.983	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	1841006	50.329	ng		99
29) 2,4-Dichlorophenol	10.363	162	1362114	57.426	ng		99
30) 1,2,4-Trichlorobenzene	10.581	180	1252924	50.729	ng		98
31) Naphthalene	10.769	128	4314402	46.470	ng		99
32) Benzoic acid	10.022	122	551659	31.729	ng		96
33) 4-Chloroaniline	10.881	127	1057954	27.332	ng		98
34) Hexachlorobutadiene	11.057	225	664679	53.358	ng		97
35) Caprolactam	11.699	113	525211m	54.483	ng		
36) 4-Chloro-3-methylphenol	12.010	107	1550675	53.866	ng		96
37) 2-Methylnaphthalene	12.381	142	3054456	47.640	ng		99
38) 1-Methylnaphthalene	12.599	142	2933587	46.463	ng		100
40) 1,2,4,5-Tetrachloroben...	12.746	216	1384487	56.635	ng		99
41) Hexachlorocyclopentadiene	12.728	237	1428279	119.134	ng		97
43) 2,4,6-Trichlorophenol	12.987	196	1055001	59.620	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	1167351	57.395	ng		97
46) 1,1'-Biphenyl	13.387	154	3937723	49.965	ng		99
47) 2-Chloronaphthalene	13.428	162	2987146	48.866	ng		99
48) 2-Nitroaniline	13.640	65	957086	43.913	ng	#	85
49) Acenaphthylene	14.281	152	4903041	48.322	ng		100
50) Dimethylphthalate	14.016	163	3765451	47.345	ng		100
51) 2,6-Dinitrotoluene	14.134	165	835976	50.911	ng		89
52) Acenaphthene	14.622	154	2927535	47.044	ng		99
53) 3-Nitroaniline	14.463	138	728207	36.209	ng		96
54) 2,4-Dinitrophenol	14.669	184	717795	82.535	ng	#	87
55) Dibenzofuran	14.957	168	4504063	47.222	ng		98
56) 4-Nitrophenol	14.775	139	1828790	109.500	ng		90
57) 2,4-Dinitrotoluene	14.922	165	1159156	47.551	ng		86
58) Fluorene	15.604	166	3671727	45.375	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	974480m	58.682	ng		
60) Diethylphthalate	15.381	149	3858332	46.462	ng		99
61) 4-Chlorophenyl-phenyle...	15.598	204	1712579	50.620	ng		97
62) 4-Nitroaniline	15.634	138	1023378	43.744	ng		95
63) Azobenzene	15.892	77	3687295	40.551	ng		94
65) 4,6-Dinitro-2-methylph...	15.681	198	565784	49.535	ng		85
66) n-Nitrosodiphenylamine	15.816	169	3262000	48.776	ng		98
67) 4-Bromophenyl-phenylether	16.498	248	1018863	55.354	ng		92
68) Hexachlorobenzene	16.610	284	1094769	55.978	ng		93
69) Atrazine	16.775	200	1180250	60.944	ng		99
70) Pentachlorophenol	16.957	266	1668708	116.484	ng		99
71) Phenanthrene	17.357	178	5834636	46.091	ng		100
72) Anthracene	17.445	178	5909253	48.806	ng		100
73) Carbazole	17.716	167	5797958	48.895	ng		99
74) Di-n-butylphthalate	18.263	149	6921224	48.456	ng		99
75) Fluoranthene	19.316	202	6740749	48.981	ng		99
77) Benzidine	19.498	184	4967946	119.882	ng		100
78) Pyrene	19.669	202	6922309	48.518	ng		99
80) Butylbenzylphthalate	20.539	149	3396039	48.882	ng		91
81) Benzo(a)anthracene	21.380	228	6807475	48.321	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	1037507	25.252	ng		99
83) Chrysene	21.433	228	6432255	48.186	ng		99
84) Bis(2-ethylhexyl)phtha...	21.298	149	4996690	48.935	ng	#	98
85) Di-n-octyl phthalate	22.239	149	8762832	53.828	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.404	276	7329429	40.612	ng		96
88) Benzo(b)fluoranthene	23.092	252	7298469	50.966	ng		99
89) Benzo(k)fluoranthene	23.145	252	7109882	48.455	ng		99
90) Benzo(a)pyrene	23.733	252	6478576	53.473	ng		98
91) Dibenzo(a,h)anthracene	26.421	278	6261200	41.786	ng		96
92) Benzo(g,h,i)perylene	27.186	276	6054324	41.740	ng		96

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

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