Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007172.D
Acq On : 24 Sep 2021 22:47
Operator : CG/JU
Sample : M3917-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-6MS

Manual Integrations APPROVED
mohammad
9/27/2021 3:04:28 PM

Quant Time: Sep 25 01:49:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	259564	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	1009033	20.000	ng		0.00
39) Acenaphthene-d10	14.522	164	619505	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	1257735	20.000	ng	#	0.00
76) Chrysene-d12	21.363	240	1195200	20.000	ng	#	0.00
86) Perylene-d12	23.774	264	1347885	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	1404852	90.600	ng		0.00
7) Phenol-d6	7.064	99	1754461	82.785	ng		0.00
23) Nitrobenzene-d5	9.052	82	1020312	58.887	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	781547	97.309	ng		0.00
45) 2-Fluorobiphenyl	13.146	172	2559344	59.186	ng		0.00
79) Terphenyl-d14	19.828	244	3464102	55.540	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	208922	33.318	ng		90
3) Pyridine	3.758	79	498495	29.051	ng	#	89
4) n-Nitrosodimethylamine	3.664	42	234312	39.832	ng	#	81
6) Aniline	7.216	93	732165	31.342	ng		99
8) 2-Chlorophenol	7.452	128	731430	43.402	ng		99
9) Benzaldehyde	7.028	77	430503m	36.061	ng		
10) Phenol	7.087	94	857563	41.970	ng		92
11) bis(2-Chloroethyl)ether	7.316	93	643767	39.915	ng		98
12) 1,3-Dichlorobenzene	7.775	146	785762	41.336	ng		96
13) 1,4-Dichlorobenzene	7.922	146	802929	41.432	ng		98
14) 1,2-Dichlorobenzene	8.240	146	774321	41.233	ng		98
15) Benzyl Alcohol	8.134	79	572193	42.154	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.422	45	720852	39.033	ng		90
17) 2-Methylphenol	8.340	107	583517	42.363	ng		93
18) Hexachloroethane	8.963	117	246814	37.934	ng		96
19) n-Nitroso-di-n-propyla...	8.699	70	438404	38.034	ng		97
20) 3+4-Methylphenols	8.663	107	787286	41.336	ng		92
22) Acetophenone	8.716	105	986236	40.564	ng		98
24) Nitrobenzene	9.093	77	696064	42.136	ng		96
25) Isophorone	9.622	82	1227038	40.613	ng		97
26) 2-Nitrophenol	9.805	139	378836	43.979	ng	#	85
27) 2,4-Dimethylphenol	9.869	122	654269	48.240	ng		96
28) bis(2-Chloroethoxy)met...	10.105	93	813141	38.148	ng		99
29) 2,4-Dichlorophenol	10.340	162	695962	43.989	ng		99
30) 1,2,4-Trichlorobenzene	10.552	180	757302	42.017	ng		97
31) Naphthalene	10.740	128	2264933	43.982	ng		99
32) Benzoic acid	10.028	122	500406	48.004	ng		93
33) 4-Chloroaniline	10.852	127	468619	22.026	ng		98
34) Hexachlorobutadiene	11.022	225	469143	43.472	ng		99
35) Caprolactam	11.657	113	208544m	42.846	ng		
36) 4-Chloro-3-methylphenol	11.981	107	663362	41.250	ng		97
37) 2-Methylnaphthalene	12.346	142	1601057	44.401	ng		96
38) 1-Methylnaphthalene	12.569	142	1500012m	42.574	ng		
40) 1,2,4,5-Tetrachloroben...	12.716	216	835077	44.018	ng		98
41) Hexachlorocyclopentadiene	12.693	237	316928	30.142	ng		98
43) 2,4,6-Trichlorophenol	12.957	196	565039	43.649	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	614056	44.050	ng		96
46) 1,1'-Biphenyl	13.357	154	1894586	41.115	ng		99
47) 2-Chloronaphthalene	13.399	162	1520446	42.596	ng		97
48) 2-Nitroaniline	13.604	65	391009	44.929	ng		92
49) Acenaphthylene	14.246	152	3197446	58.159	ng		100
50) Dimethylphthalate	13.981	163	1793409	40.250	ng		100
51) 2,6-Dinitrotoluene	14.099	165	399303	43.872	ng		89
52) Acenaphthene	14.587	154	1551470	46.578	ng		99
53) 3-Nitroaniline	14.428	138	364963	37.086	ng		96
54) 2,4-Dinitrophenol	14.640	184	143809	27.429	ng		91
55) Dibenzofuran	14.922	168	2393673	43.072	ng		95
56) 4-Nitrophenol	14.746	139	725996	90.871	ng	#	79
57) 2,4-Dinitrotoluene	14.887	165	540587	45.009	ng		90
58) Fluorene	15.569	166	2109948	49.145	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	517021m	42.238	ng		
60) Diethylphthalate	15.345	149	1749760	40.527	ng		97
61) 4-Chlorophenyl-phenyle...	15.563	204	903311	39.815	ng		92
62) 4-Nitroaniline	15.593	138	388331	39.237	ng	#	79
63) Azobenzene	15.857	77	1464671	39.148	ng		88
65) 4,6-Dinitro-2-methylph...	15.651	198	96571	12.795	ng		96
66) n-Nitrosodiphenylamine	15.781	169	1579591	42.209	ng		99
67) 4-Bromophenyl-phenylether	16.457	248	584847	42.427	ng		94
68) Hexachlorobenzene	16.575	284	662848	43.509	ng		97
69) Atrazine	16.734	200	566429	42.940	ng		97
70) Pentachlorophenol	16.922	266	855790	90.454	ng		99
71) Phenanthrene	17.316	178	6664908	98.829	ng		98
72) Anthracene	17.404	178	4193910	63.572	ng		99
73) Carbazole	17.675	167	2841950	43.961	ng		98
74) Di-n-butylphthalate	18.228	149	2982519	41.630	ng	#	98
75) Fluoranthene	19.286	202	9895907	127.364	ng		96
77) Benzidine	19.457	184	1689199	45.989	ng		99
78) Pyrene	19.639	202	9824984	125.293	ng		95
80) Butylbenzylphthalate	20.504	149	1344830	42.825	ng		93
81) Benzo(a)anthracene	21.345	228	6639358	85.581	ng		95
82) 3,3'-Dichlorobenzidine	21.275	252	1157989	43.463	ng		97
83) Chrysene	21.398	228	6246616	84.248	ng		95
84) Bis(2-ethylhexyl)phtha...	21.269	149	1952194	43.240	ng		97
85) Di-n-octyl phthalate	22.192	149	3439596	44.748	ng		98
87) Indeno(1,2,3-cd)pyrene	26.327	276	6517814	67.287	ng		98
88) Benzo(b)fluoranthene	23.045	252	7635164	94.785	ng		97
89) Benzo(k)fluoranthene	23.092	252	5108772	62.640	ng		97
90) Benzo(a)pyrene	23.680	252	7008789	102.414	ng		98
91) Dibenzo(a,h)anthracene	26.333	278	3980021	49.029	ng	#	96
92) Benzo(g,h,i)perylene	27.104	276	5973355	75.403	ng	#	95

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

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