Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081721\
Data File : BM031781.D
Acq On : 17 Aug 2021 14:50
Operator : CG/JU
Sample : PB138419BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB138419BS

Manual Integrations APPROVED
mohammad
8/19/2021 1:24:34 PM

Quant Time: Aug 17 16:50:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 16:42:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.546	152	46115	20.000	ng		0.00
21) Naphthalene-d8	10.310	136	215017	20.000	ng		0.00
39) Acenaphthene-d10	14.186	164	148909	20.000	ng		0.00
64) Phenanthrene-d10	16.939	188	299108	20.000	ng		0.00
76) Chrysene-d12	21.139	240	226644	20.000	ng		0.00
86) Perylene-d12	23.286	264	199743	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	421652	146.753	ng		0.00
7) Phenol-d6	6.752	99	524512	125.983	ng		0.00
23) Nitrobenzene-d5	8.704	82	376761	73.368	ng		0.00
42) 2,4,6-Tribromophenol	15.686	330	207510	113.145	ng		0.00
45) 2-Fluorobiphenyl	12.798	172	860425	76.908	ng		0.00
79) Terphenyl-d14	19.586	244	1209214	89.893	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	40501	33.716	ng		90
3) Pyridine	3.569	79	97076	29.243	ng	#	85
4) n-Nitrosodimethylamine	3.487	42	80481	41.543	ng		87
6) Aniline	6.899	93	165782	36.417	ng		98
8) 2-Chlorophenol	7.122	128	149945	44.568	ng		96
9) Benzaldehyde	6.710	77	91229	30.873	ng		97
10) Phenol	6.775	94	187503	45.335	ng		88
11) bis(2-Chloroethyl)ether	6.999	93	127014	40.881	ng		95
12) 1,3-Dichlorobenzene	7.434	146	147265	40.922	ng	#	91
13) 1,4-Dichlorobenzene	7.581	146	149935	40.436	ng		96
14) 1,2-Dichlorobenzene	7.893	146	146313	40.171	ng		96
15) Benzyl Alcohol	7.799	79	150750	42.047	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.075	45	172831	38.931	ng		95
17) 2-Methylphenol	7.999	107	128976	44.099	ng		93
18) Hexachloroethane	8.598	117	64028	41.658	ng		89
19) n-Nitroso-di-n-propyla...	8.357	70	122771	37.345	ng		93
20) 3+4-Methylphenols	8.328	107	176045	42.822	ng		96
22) Acetophenone	8.369	105	239111	39.164	ng	#	92
24) Nitrobenzene	8.746	77	190500	36.246	ng		96
25) Isophorone	9.269	82	314542	34.150	ng		98
26) 2-Nitrophenol	9.440	139	82576	39.914	ng	#	81
27) 2,4-Dimethylphenol	9.510	122	144089	45.547	ng		91
28) bis(2-Chloroethoxy)met...	9.745	93	185083	41.762	ng		99
29) 2,4-Dichlorophenol	9.969	162	151667	42.196	ng		97
30) 1,2,4-Trichlorobenzene	10.175	180	151921	39.582	ng		98
31) Naphthalene	10.357	128	476622	38.717	ng		99
32) Benzoic acid	9.687	122	99019	34.959	ng		97
33) 4-Chloroaniline	10.487	127	81295	15.887	ng		94
34) Hexachlorobutadiene	10.634	225	96071	39.202	ng		96
35) Caprolactam	11.298	113	45214m	36.228	ng		
36) 4-Chloro-3-methylphenol	11.616	107	174521	39.158	ng		89
37) 2-Methylnaphthalene	11.975	142	357312	38.786	ng	#	96
38) 1-Methylnaphthalene	12.198	142	334907	38.064	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.351	216	173919	41.118	ng	#	96
41) Hexachlorocyclopentadiene	12.322	237	239931	113.384	ng		98
43) 2,4,6-Trichlorophenol	12.604	196	125936	40.391	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.675	196	136781	40.143	ng	#	89
46) 1,1'-Biphenyl	13.010	154	448574	38.280	ng		99
47) 2-Chloronaphthalene	13.051	162	363925	39.559	ng	#	93
48) 2-Nitroaniline	13.275	65	132727	38.875	ng		87
49) Acenaphthylene	13.904	152	595170	39.517	ng		99
50) Dimethylphthalate	13.663	163	465652	37.528	ng		100
51) 2,6-Dinitrotoluene	13.781	165	99093	35.962	ng	#	70
52) Acenaphthene	14.251	154	348724	38.007	ng		100
53) 3-Nitroaniline	14.110	138	60171	21.267	ng		93
54) 2,4-Dinitrophenol	14.328	184	84715	52.151	ng	#	83
55) Dibenzofuran	14.592	168	575510	37.536	ng		92
56) 4-Nitrophenol	14.439	139	175673	72.790	ng	#	75
57) 2,4-Dinitrotoluene	14.580	165	145339	36.623	ng	#	61
58) Fluorene	15.245	166	486627	38.232	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.822	232	114301	36.993	ng	#	85
60) Diethylphthalate	15.039	149	512178	37.554	ng		97
61) 4-Chlorophenyl-phenyle...	15.245	204	240445	39.136	ng	#	88
62) 4-Nitroaniline	15.286	138	97278	33.464	ng	#	81
63) Azobenzene	15.539	77	551524	36.531	ng		92
65) 4,6-Dinitro-2-methylph...	15.345	198	64942	31.760	ng	#	71
66) n-Nitrosodiphenylamine	15.469	169	402751	40.956	ng		99
67) 4-Bromophenyl-phenylether	16.139	248	132788	41.708	ng	#	88
68) Hexachlorobenzene	16.245	284	142808	41.005	ng	#	93
69) Atrazine	16.433	200	145600	41.605	ng		99
70) Pentachlorophenol	16.592	266	184572	78.900	ng		98
71) Phenanthrene	16.980	178	714243	39.154	ng		99
72) Anthracene	17.074	178	731870	40.924	ng		100
73) Carbazole	17.351	167	639759	35.709	ng	#	97
74) Di-n-butylphthalate	17.921	149	846985	37.956	ng	#	98
75) Fluoranthene	19.004	202	754659	34.538	ng		98
77) Benzidine	19.204	184	320477	47.582	ng		99
78) Pyrene	19.368	202	766520	46.685	ng		99
80) Butylbenzylphthalate	20.292	149	329206	41.834	ng		95
81) Benzo(a)anthracene	21.121	228	648189	39.045	ng		98
82) 3,3'-Dichlorobenzidine	21.068	252	150153	29.269	ng		99
83) Chrysene	21.174	228	633305	39.136	ng		97
84) Bis(2-ethylhexyl)phtha...	21.068	149	472095	38.822	ng	#	95
85) Di-n-octyl phthalate	21.927	149	737862	36.723	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.415	276	620042	44.049	ng		99
88) Benzo(b)fluoranthene	22.651	252	613512	40.909	ng		99
89) Benzo(k)fluoranthene	22.692	252	572068m	39.521	ng		
90) Benzo(a)pyrene	23.198	252	564244	42.494	ng		98
91) Dibenzo(a,h)anthracene	25.427	278	533005	43.055	ng		100
92) Benzo(g,h,i)perylene	26.068	276	518730	46.015	ng		98

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

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