Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081721\
Data File : BM031779.D
Acq On : 17 Aug 2021 13:36
Operator : CG/JU
Sample : PB138394BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB138394BSD

Manual Integrations APPROVED
mohammad
8/19/2021 1:24:29 PM

Quant Time: Aug 17 14:49:11 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	7.545	152	39094	20.000	ng		0.00
21) Naphthalene-d8	10.310	136	178652	20.000	ng		0.00
39) Acenaphthene-d10	14.186	164	127658	20.000	ng		0.00
64) Phenanthrene-d10	16.939	188	287905	20.000	ng		0.00
76) Chrysene-d12	21.139	240	295934	20.000	ng		0.00
86) Perylene-d12	23.286	264	247613	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	238664	97.983	ng		0.00
7) Phenol-d6	6.746	99	303598	86.017	ng		0.00
23) Nitrobenzene-d5	8.704	82	348754	81.738	ng		0.00
42) 2,4,6-Tribromophenol	15.686	330	130238	82.834	ng		0.00
45) 2-Fluorobiphenyl	12.798	172	792667	82.647	ng		0.00
79) Terphenyl-d14	19.586	244	1612161	91.787	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.187	88	33836	33.226	ng	#	90
3) Pyridine	3.569	79	85610	30.420	ng	#	84
4) n-Nitrosodimethylamine	3.487	42	70808	43.114	ng		84
6) Aniline	6.898	93	168648	43.700	ng		99
8) 2-Chlorophenol	7.122	128	129052	45.247	ng		96
9) Benzaldehyde	6.710	77	83556	33.354	ng		95
10) Phenol	6.769	94	162746	46.416	ng		87
11) bis(2-Chloroethyl)ether	6.998	93	108501	41.195	ng		96
12) 1,3-Dichlorobenzene	7.434	146	125661	41.190	ng	#	94
13) 1,4-Dichlorobenzene	7.581	146	130748	41.594	ng		95
14) 1,2-Dichlorobenzene	7.893	146	126610	41.005	ng		95
15) Benzyl Alcohol	7.798	79	126549	41.636	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.081	45	149133	39.626	ng		95
17) 2-Methylphenol	7.998	107	110831	44.701	ng	#	90
18) Hexachloroethane	8.598	117	54802	42.059	ng	#	88
19) n-Nitroso-di-n-propyla...	8.357	70	107349	38.518	ng		93
20) 3+4-Methylphenols	8.328	107	151832	43.565	ng		95
22) Acetophenone	8.369	105	206183	40.644	ng	#	92
24) Nitrobenzene	8.745	77	166957	38.233	ng		97
25) Isophorone	9.269	82	273881	35.788	ng		97
26) 2-Nitrophenol	9.440	139	71940	41.851	ng	#	81
27) 2,4-Dimethylphenol	9.510	122	123087	46.828	ng		91
28) bis(2-Chloroethoxy)met...	9.745	93	159758	43.385	ng		99
29) 2,4-Dichlorophenol	9.969	162	132672	44.425	ng		92
30) 1,2,4-Trichlorobenzene	10.175	180	131592	41.264	ng		98
31) Naphthalene	10.357	128	410757	40.158	ng		99
32) Benzoic acid	9.681	122	87333	37.109	ng		95
33) 4-Chloroaniline	10.486	127	150406	35.377	ng		96
34) Hexachlorobutadiene	10.634	225	82771	40.649	ng		94
35) Caprolactam	11.298	113	43047m	41.512	ng		
36) 4-Chloro-3-methylphenol	11.616	107	156254	42.195	ng		89
37) 2-Methylnaphthalene	11.980	142	310917	40.620	ng	#	96
38) 1-Methylnaphthalene	12.198	142	290054	39.677	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.351	216	153224	42.256	ng	#	95
41) Hexachlorocyclopentadiene	12.322	237	198336	109.330	ng		100
43) 2,4,6-Trichlorophenol	12.604	196	111420	41.684	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.675	196	120579	41.278	ng	#	90
46) 1,1'-Biphenyl	13.010	154	396537	39.472	ng		98
47) 2-Chloronaphthalene	13.051	162	319948	40.568	ng	#	93
48) 2-Nitroaniline	13.275	65	123614	42.233	ng		90
49) Acenaphthylene	13.904	152	530994	41.125	ng		99
50) Dimethylphthalate	13.663	163	429682	40.394	ng		98
51) 2,6-Dinitrotoluene	13.786	165	93364	39.523	ng	#	77
52) Acenaphthene	14.251	154	313808	39.895	ng		98
53) 3-Nitroaniline	14.116	138	86180	35.530	ng		92
54) 2,4-Dinitrophenol	14.327	184	77486	55.642	ng	#	79
55) Dibenzofuran	14.592	168	522224	39.731	ng		92
56) 4-Nitrophenol	14.439	139	180689	87.331	ng	#	74
57) 2,4-Dinitrotoluene	14.580	165	138211	40.625	ng	#	60
58) Fluorene	15.245	166	443506	40.645	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.822	232	108707	41.039	ng	#	84
60) Diethylphthalate	15.033	149	485959	41.563	ng		97
61) 4-Chlorophenyl-phenyle...	15.245	204	218239	41.434	ng	#	85
62) 4-Nitroaniline	15.286	138	105356	42.276	ng	#	82
63) Azobenzene	15.539	77	521796	40.316	ng		92
65) 4,6-Dinitro-2-methylph...	15.345	198	64362	32.701	ng	#	76
66) n-Nitrosodiphenylamine	15.463	169	378699	40.009	ng		99
67) 4-Bromophenyl-phenylether	16.139	248	126458	41.265	ng	#	89
68) Hexachlorobenzene	16.245	284	138147	41.210	ng	#	91
69) Atrazine	16.433	200	149589	44.408	ng		96
70) Pentachlorophenol	16.592	266	192362	85.430	ng		96
71) Phenanthrene	16.980	178	717161	40.843	ng		100
72) Anthracene	17.074	178	738562	42.905	ng		99
73) Carbazole	17.351	167	691869	40.120	ng		98
74) Di-n-butylphthalate	17.921	149	926643	43.142	ng	#	98
75) Fluoranthene	19.004	202	873006	41.509	ng		99
77) Benzidine	19.209	184	662336	75.314	ng		99
78) Pyrene	19.368	202	904935	42.211	ng		99
80) Butylbenzylphthalate	20.292	149	456509	44.429	ng		93
81) Benzo(a)anthracene	21.127	228	892586	41.178	ng		98
82) 3,3'-Dichlorobenzidine	21.068	252	281011	41.951	ng		99
83) Chrysene	21.180	228	866265	40.999	ng		98
84) Bis(2-ethylhexyl)phtha...	21.068	149	720787	45.395	ng	#	95
85) Di-n-octyl phthalate	21.927	149	1137490	43.357	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.421	276	705184	40.413	ng		99
88) Benzo(b)fluoranthene	22.656	252	827981	44.536	ng		99
89) Benzo(k)fluoranthene	22.697	252	786677	43.840	ng		99
90) Benzo(a)pyrene	23.197	252	746279	45.338	ng		99
91) Dibenzo(a,h)anthracene	25.427	278	611001	39.814	ng		97
92) Benzo(g,h,i)perylene	26.062	276	566160	40.513	ng		97

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

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