Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
Data File : BM031753.D
Acq On : 16 Aug 2021 16:32
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM081621

Manual Integrations APPROVED
mohammad
8/17/2021 1:22:04 PM

Quant Time: Aug 16 17:13:16 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	7.551	152	39970	20.000	ng		# 0.00
21) Naphthalene-d8	10.310	136	181127	20.000	ng		# 0.00
39) Acenaphthene-d10	14.192	164	126293	20.000	ng		0.00
64) Phenanthrene-d10	16.945	188	281228	20.000	ng		0.00
76) Chrysene-d12	21.145	240	290055	20.000	ng		0.00
86) Perylene-d12	23.298	264	267639	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	206002	82.720	ng		0.00
7) Phenol-d6	6.746	99	305970	84.790	ng		0.00
23) Nitrobenzene-d5	8.704	82	358514	82.878	ng		0.00
42) 2,4,6-Tribromophenol	15.692	330	132869	85.421	ng		0.00
45) 2-Fluorobiphenyl	12.804	172	793204	83.596	ng		0.00
79) Terphenyl-d14	19.592	244	1478730	85.896	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	40813	39.199	ng	#	89
3) Pyridine	3.575	79	120266m	41.798	ng		
4) n-Nitrosodimethylamine	3.493	42	70796	42.162	ng		84
6) Aniline	6.899	93	164056	41.578	ng		97
8) 2-Chlorophenol	7.122	128	121520	41.672	ng		93
9) Benzaldehyde	6.716	77	101839	39.761	ng		98
10) Phenol	6.775	94	151473	42.254	ng		93
11) bis(2-Chloroethyl)ether	6.999	93	108544	40.308	ng		95
12) 1,3-Dichlorobenzene	7.440	146	130061	41.697	ng	#	94
13) 1,4-Dichlorobenzene	7.587	146	131823	41.017	ng		97
14) 1,2-Dichlorobenzene	7.899	146	131908	41.784	ng		98
15) Benzyl Alcohol	7.799	79	130768	42.082	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.087	45	155528	40.420	ng		96
17) 2-Methylphenol	7.999	107	106538	42.027	ng		93
18) Hexachloroethane	8.604	117	55167	41.411	ng		88
19) n-Nitroso-di-n-propyla...	8.363	70	117961	41.398	ng		92
20) 3+4-Methylphenols	8.328	107	150640	42.276	ng		95
22) Acetophenone	8.375	105	212587	41.334	ng	#	94
24) Nitrobenzene	8.746	77	179290	40.496	ng		97
25) Isophorone	9.269	82	322652	41.585	ng		97
26) 2-Nitrophenol	9.445	139	75284	43.198	ng	#	85
27) 2,4-Dimethylphenol	9.510	122	111536	41.853	ng		95
28) bis(2-Chloroethoxy)met...	9.751	93	156104	41.814	ng		97
29) 2,4-Dichlorophenol	9.969	162	128944	42.587	ng		94
30) 1,2,4-Trichlorobenzene	10.181	180	133694	41.350	ng		95
31) Naphthalene	10.363	128	433108	41.765	ng		99
32) Benzoic acid	9.687	122	102377	42.907	ng		98
33) 4-Chloroaniline	10.487	127	181780	42.172	ng		95
34) Hexachlorobutadiene	10.640	225	85384	41.360	ng		97
35) Caprolactam	11.304	113	45834m	43.596	ng		
36) 4-Chloro-3-methylphenol	11.622	107	159059	42.366	ng		88
37) 2-Methylnaphthalene	11.981	142	325721	41.973	ng	#	96
38) 1-Methylnaphthalene	12.204	142	308510	41.625	ng		99
40) 1,2,4,5-Tetrachloroben...	12.357	216	151183	42.143	ng	#	97
41) Hexachlorocyclopentadiene	12.328	237	78960	43.996	ng		99
43) 2,4,6-Trichlorophenol	12.610	196	113687	42.992	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.681	196	124904	43.221	ng	#	89
46) 1,1'-Biphenyl	13.016	154	413287	41.584	ng		99
47) 2-Chloronaphthalene	13.057	162	329009	42.168	ng	#	93
48) 2-Nitroaniline	13.275	65	124051	42.841	ng		86
49) Acenaphthylene	13.910	152	539832	42.261	ng		99
50) Dimethylphthalate	13.669	163	437791	41.601	ng		99
51) 2,6-Dinitrotoluene	13.786	165	99076	42.395	ng	#	74
52) Acenaphthene	14.257	154	325721	41.857	ng		99
53) 3-Nitroaniline	14.116	138	103638	43.190	ng		89
54) 2,4-Dinitrophenol	14.333	184	57434	41.689	ng	#	84
55) Dibenzofuran	14.592	168	546984	42.064	ng		93
56) 4-Nitrophenol	14.439	139	90572	44.249	ng	#	76
57) 2,4-Dinitrotoluene	14.580	165	146177	43.431	ng	#	63
58) Fluorene	15.245	166	454946	42.144	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.828	232	111979	42.731	ng	#	85
60) Diethylphthalate	15.039	149	487293	42.127	ng		98
61) 4-Chlorophenyl-phenyle...	15.251	204	218196	41.874	ng	#	86
62) 4-Nitroaniline	15.292	138	106178	43.066	ng	#	83
63) Azobenzene	15.545	77	537586	41.985	ng		92
65) 4,6-Dinitro-2-methylph...	15.345	198	83564	43.465	ng	#	64
66) n-Nitrosodiphenylamine	15.469	169	390518	42.237	ng		99
67) 4-Bromophenyl-phenylether	16.145	248	125605	41.960	ng	#	90
68) Hexachlorobenzene	16.245	284	136318	41.630	ng	#	87
69) Atrazine	16.433	200	138180	41.995	ng		98
70) Pentachlorophenol	16.598	266	97737	44.437	ng		93
71) Phenanthrene	16.986	178	722659	42.134	ng		100
72) Anthracene	17.080	178	708512	42.137	ng		99
73) Carbazole	17.357	167	706597	41.947	ng		98
74) Di-n-butylphthalate	17.927	149	902143	42.998	ng	#	98
75) Fluoranthene	19.010	202	870657	42.380	ng		99
77) Benzidine	19.210	184	396193	45.964	ng		99
78) Pyrene	19.374	202	904562	43.048	ng		98
80) Butylbenzylphthalate	20.298	149	436687	43.361	ng		91
81) Benzo(a)anthracene	21.133	228	902896	42.498	ng		98
82) 3,3'-Dichlorobenzidine	21.074	252	278646	42.441	ng		99
83) Chrysene	21.186	228	864321	41.736	ng		98
84) Bis(2-ethylhexyl)phtha...	21.074	149	682872	43.878	ng	#	94
85) Di-n-octyl phthalate	21.939	149	1105576	42.994	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.433	276	795083	42.155	ng		98
88) Benzo(b)fluoranthene	22.662	252	887766	44.179	ng		99
89) Benzo(k)fluoranthene	22.703	252	793735	40.924	ng	#	99
90) Benzo(a)pyrene	23.209	252	761466	42.799	ng		99
91) Dibenzo(a,h)anthracene	25.444	278	697667	42.060	ng		99
92) Benzo(g,h,i)perylene	26.080	276	630993	41.774	ng		98

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

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