Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029671.D
Acq On : 27 Apr 2021 13:23
Operator : CG/JU
Sample : PB136001BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB136001BS

Manual Integrations APPROVED
mohammad
4/28/2021 11:00:27 AM

Quant Time: Apr 27 14:02:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 15:01:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	69991	20.00	ng	-0.01
21) Naphthalene-d8	10.392	136	255946	20.00	ng	0.00
39) Acenaphthene-d10	14.263	164	167088	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	340545	20.00	ng	0.00
76) Chrysene-d12	21.192	240	327494	20.00	ng	0.00
86) Perylene-d12	23.374	264	310510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	484831	138.87	ng	0.00
7) Phenol-d6	6.798	99	602280	115.50	ng	0.00
23) Nitrobenzene-d5	8.769	82	392862	79.06	ng	0.00
42) 2,4,6-Tribromophenol	15.757	330	299229	129.49	ng	0.00
45) 2-Fluorobiphenyl	12.880	172	1116521	90.70	ng	0.00
79) Terphenyl-d14	19.639	244	1508731	87.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	50221	35.68	ng	94
3) Pyridine	3.540	79	119736	33.38	ng	96
4) n-Nitrosodimethylamine	3.457	42	68807	39.09	ng	82
6) Aniline	6.945	93	216898	37.84	ng	97
8) 2-Chlorophenol	7.181	128	188746	43.48	ng	96
9) Benzaldehyde	6.763	77	123261	41.58	ng	94
10) Phenol	6.822	94	217133	42.97	ng	97
11) bis(2-Chloroethyl)ether	7.045	93	156739	40.66	ng	98
12) 1,3-Dichlorobenzene	7.498	146	215585	43.10	ng	97
13) 1,4-Dichlorobenzene	7.645	146	222704	43.48	ng	98
14) 1,2-Dichlorobenzene	7.963	146	212907	41.70	ng	97
15) Benzyl Alcohol	7.857	79	159772	42.17	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.139	45	174596	34.36	ng	97
17) 2-Methylphenol	8.063	107	149264	42.39	ng	96
18) Hexachloroethane	8.681	117	77460	41.88	ng	86
19) n-Nitroso-di-n-propyla...	8.422	70	130894	34.42	ng	91
20) 3+4-Methylphenols	8.387	107	202150	41.74	ng	95
22) Acetophenone	8.434	105	261599	42.63	ng	96
24) Nitrobenzene	8.810	77	193076	38.42	ng	95
25) Isophorone	9.334	82	337388	36.13	ng	99
26) 2-Nitrophenol	9.516	139	102767	42.89	ng	95
27) 2,4-Dimethylphenol	9.581	122	170489	50.82	ng	99
28) bis(2-Chloroethoxy)met...	9.816	93	205962	44.64	ng	98
29) 2,4-Dichlorophenol	10.045	162	205040	46.34	ng	98
30) 1,2,4-Trichlorobenzene	10.257	180	225383	44.22	ng	99
31) Naphthalene	10.445	128	548240	41.66	ng	99
32) Benzoic acid	9.739	122	94665	34.60	ng	95
33) 4-Chloroaniline	10.563	127	98466	18.97	ng	98
34) Hexachlorobutadiene	10.728	225	148428	45.74	ng	98
35) Caprolactam	11.345	113	48909m	36.50	ng	
36) 4-Chloro-3-methylphenol	11.692	107	175245	40.53	ng	100
37) 2-Methylnaphthalene	12.063	142	425920	40.43	ng	98
38) 1-Methylnaphthalene	12.286	142	392031	39.03	ng	100
40) 1,2,4,5-Tetrachloroben...	12.439	216	264552	52.80	ng	99
41) Hexachlorocyclopentadiene	12.416	237	352724	126.15	ng	100
43) 2,4,6-Trichlorophenol	12.686	196	173415	50.34	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	183926	48.36	ng		96
46) 1,1'-Biphenyl	13.092	154	576937	47.23	ng		99
47) 2-Chloronaphthalene	13.127	162	449151	45.95	ng		99
48) 2-Nitroaniline	13.339	65	104686	38.90	ng		97
49) Acenaphthylene	13.980	152	689932	46.04	ng		99
50) Dimethylphthalate	13.727	163	546936	43.31	ng		99
51) 2,6-Dinitrotoluene	13.845	165	120888	43.49	ng		89
52) Acenaphthene	14.327	154	409959	43.67	ng		97
53) 3-Nitroaniline	14.174	138	59502	24.61	ng		92
54) 2,4-Dinitrophenol	14.386	184	137032	77.48	ng		86
55) Dibenzofuran	14.663	168	677748	42.75	ng		96
56) 4-Nitrophenol	14.498	139	167394	81.41	ng		91
57) 2,4-Dinitrotoluene	14.639	165	162405	43.26	ng		89
58) Fluorene	15.315	166	564926	42.44	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.892	232	153594	45.39	ng	#	92
60) Diethylphthalate	15.098	149	518756	41.85	ng		97
61) 4-Chlorophenyl-phenyle...	15.310	204	298734	44.36	ng		99
62) 4-Nitroaniline	15.339	138	97974	36.27	ng		92
63) Azobenzene	15.604	77	444862	37.80	ng		94
65) 4,6-Dinitro-2-methylph...	15.404	198	87602	38.70	ng		93
66) n-Nitrosodiphenylamine	15.527	169	476553	45.27	ng		98
67) 4-Bromophenyl-phenylether	16.204	248	175263	49.29	ng		95
68) Hexachlorobenzene	16.315	284	194862	48.20	ng		95
69) Atrazine	16.486	200	179275	47.73	ng		97
70) Pentachlorophenol	16.662	266	237136	90.08	ng		97
71) Phenanthrene	17.051	178	830026	42.33	ng		100
72) Anthracene	17.139	178	858172	44.36	ng		99
73) Carbazole	17.409	167	717475	39.59	ng		98
74) Di-n-butylphthalate	17.980	149	841150	42.75	ng		99
75) Fluoranthene	19.068	202	949077	39.91	ng		99
77) Benzidine	19.256	184	494885	71.37	ng		99
78) Pyrene	19.427	202	969811	46.03	ng		99
80) Butylbenzylphthalate	20.339	149	355869	45.11	ng		94
81) Benzo(a)anthracene	21.174	228	886234	40.90	ng		100
82) 3,3'-Dichlorobenzidine	21.115	252	229407	33.14	ng	#	99
83) Chrysene	21.227	228	884823	41.56	ng		99
84) Bis(2-ethylhexyl)phtha...	21.115	149	546027	43.20	ng		98
85) Di-n-octyl phthalate	21.980	149	901464	42.50	ng		97
87) Indeno(1,2,3-cd)pyrene	25.568	276	1029206	42.87	ng		98
88) Benzo(b)fluoranthene	22.721	252	887428	43.83	ng		99
89) Benzo(k)fluoranthene	22.768	252	847971	41.78	ng		99
90) Benzo(a)pyrene	23.280	252	845710	44.48	ng		99
91) Dibenzo(a,h)anthracene	25.574	278	868469	41.95	ng		97
92) Benzo(g,h,i)perylene	26.232	276	855083	44.67	ng		99

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

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