Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024627.D
Acq On : 27 Jan 2020 14:39
Operator : CG/JU
Sample : PB126361BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Manual Integrations APPROVED
mohammad
1/28/2020 1:14:53 PM

Quant Time: Jan 28 05:47:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	281741	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1042003	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	711322	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1494643	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1126768	20.00	ng	0.00
87) Perylene-d12	23.16	264	1036508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1733293	117.00	ng	0.00
7) Phenol-d6	6.65	99	2109618	103.37	ng	0.00
23) Nitrobenzene-d5	8.58	82	1204695	56.70	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1240229	107.19	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	3395295	64.89	ng	0.00
79) Terphenyl-d14	19.50	244	4791892	79.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	232142	39.613	ng	92
3) Pyridine	3.46	79	484237	28.504	ng	94
4) n-Nitrosodimethylamine	3.37	42	225551	29.911	ng	85
6) Aniline	6.79	93	774712	31.183	ng	96
8) 2-Chlorophenol	7.02	128	658370	39.038	ng	91
9) Benzaldehyde	6.59	77	299782	24.860	ng	94
10) Phenol	6.67	94	739717	36.362	ng	98
11) bis(2-Chloroethyl)ether	6.89	93	561274	34.464	ng	94
12) 1,3-Dichlorobenzene	7.33	146	755511	36.466	ng	96
13) 1,4-Dichlorobenzene	7.47	146	770457	36.656	ng	97
14) 1,2-Dichlorobenzene	7.79	146	725777	35.773	ng	98
15) Benzyl Alcohol	7.69	79	541187	32.163	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.98	45	406149	27.242	ng	96
17) 2-Methylphenol	7.89	107	520470	36.305	ng	96
18) Hexachloroethane	8.50	117	273934	33.751	ng	96
19) n-Nitroso-di-n-propylamine	8.25	70	437468	28.550	ng	95
20) 3+4-Methylphenols	8.22	107	701626	35.356	ng	98
22) Acetophenone	8.26	105	891899	33.195	ng	96
24) Nitrobenzene	8.62	77	684702	33.628	ng	96
25) Isophorone	9.15	82	1192043	33.018	ng	96
26) 2-Nitrophenol	9.33	139	369161	39.155	ng	93
27) 2,4-Dimethylphenol	9.41	122	593081	46.291	ng	94
28) bis(2-Chloroethoxy)methane	9.64	93	745939	33.823	ng	99
29) 2,4-Dichlorophenol	9.86	162	715716	41.348	ng	96
30) 1,2,4-Trichlorobenzene	10.07	180	817937	39.181	ng	98
31) Naphthalene	10.25	128	1966338	37.362	ng	100
32) Benzoic acid	9.57	122	397935m	33.954	ng	
33) 4-Chloroaniline	10.36	127	368089	15.956	ng	96
34) Hexachlorobutadiene	10.56	225	544791	37.751	ng	99
35) Caprolactam	11.15	113	178555m	32.153	ng	
36) 4-Chloro-3-methylphenol	11.51	107	637681	34.646	ng	91
37) 2-Methylnaphthalene	11.87	142	1524670	37.540	ng	97
38) 1-Methylnaphthalene	12.10	142	1446700	37.446	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	951800	37.491	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1481429	104.107	ng		99
43) 2,4,6-Trichlorophenol	12.50	196	628033	38.875	ng		99
44) 2,4,5-Trichlorophenol	12.57	196	658641	39.920	ng		96
46) 1,1'-Biphenyl	12.92	154	1992195	37.008	ng		99
47) 2-Chloronaphthalene	12.95	162	1597914	36.769	ng		97
48) 2-Nitroaniline	13.16	65	364945	27.534	ng		89
49) Acenaphthylene	13.81	152	2432126	37.384	ng		99
50) Dimethylphthalate	13.57	163	1997557	34.729	ng		99
51) 2,6-Dinitrotoluene	13.67	165	440543	36.024	ng	#	85
52) Acenaphthene	14.16	154	1452829	35.988	ng		99
53) 3-Nitroaniline	14.00	138	291486	22.981	ng		90
54) 2,4-Dinitrophenol	14.21	184	497139	67.981	ng		89
55) Dibenzofuran	14.50	168	2431782	36.936	ng		96
56) 4-Nitrophenol	14.33	139	689192	69.513	ng		88
57) 2,4-Dinitrotoluene	14.47	165	594497	33.920	ng		88
58) Fluorene	15.15	166	1925843	34.807	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	621189	37.127	ng	#	94
60) Diethylphthalate	14.95	149	1902892	32.587	ng		98
61) 4-Chlorophenyl-phenylether	15.16	204	1113062	34.894	ng		98
62) 4-Nitroaniline	15.17	138	386915	27.636	ng		95
63) Azobenzene	15.44	77	1521339	30.543	ng		96
65) 4,6-Dinitro-2-methylphenol	15.24	198	344244	39.171	ng		86
66) n-Nitrosodiphenylamine	15.37	169	1689963	39.362	ng		99
67) 4-Bromophenyl-phenylether	16.05	248	726679	39.096	ng		94
68) Hexachlorobenzene	16.16	284	835562	39.174	ng		97
69) Atrazine	16.34	200	644434	39.104	ng		99
70) Pentachlorophenol	16.50	266	1011249	77.835	ng		99
71) Phenanthrene	16.89	178	2962574	36.603	ng		98
72) Anthracene	16.97	178	3033703	38.307	ng		99
73) Carbazole	17.24	167	2505869	34.758	ng		99
74) Di-n-butylphthalate	17.84	149	3000929	32.560	ng		99
75) Fluoranthene	18.91	202	3359157	33.253	ng		98
77) Benzidine	19.10	184	1934838	73.734	ng		99
78) Pyrene	19.27	202	3391499	45.658	ng		100
80) Butylbenzylphthalate	20.22	149	1091936	35.033	ng		91
81) Benzo(a)anthracene	21.03	228	2891325	36.971	ng		100
82) 3,3'-Dichlorobenzidine	20.98	252	787382	27.989	ng	#	99
83) Chrysene	21.09	228	2732776	36.621	ng		100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1490571	32.410	ng		98
85) Di-n-octyl phthalate	21.86	149	2193338	28.867	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	2678896	32.937	ng		99
88) Benzo(b)fluoranthene	22.54	252	2514641	37.406	ng		99
89) Benzo(k)fluoranthene	22.59	252	2514973	38.327	ng		99
90) Benzo(a)pyrene	23.07	252	2217660	36.284	ng		99
91) Dibenzo(a,h)anthracene	25.24	278	2267549	39.088	ng		99
92) Benzo(g,h,i)perylene	25.86	276	2258499	42.876	ng		99

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

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