Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012820\
Data File : BM024636.D
Acq On : 28 Jan 2020 11:55
Operator : CG/JU
Sample : PB126401BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB126401BS

Manual Integrations APPROVED
mohammad
1/30/2020 8:03:08 AM

Quant Time: Jan 28 15:18:11 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	272478	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1053993	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	685241	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1623039	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1829875	20.00	ng	0.00
87) Perylene-d12	23.16	264	1286752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1778179	124.11	ng	0.00
7) Phenol-d6	6.65	99	2302148	116.64	ng	0.00
23) Nitrobenzene-d5	8.59	82	1406940	65.46	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1441850	129.36	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4077269	80.89	ng	0.00
79) Terphenyl-d14	19.50	244	7053981	71.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	186487	32.904	ng	90
3) Pyridine	3.45	79	486460	29.608	ng	97
4) n-Nitrosodimethylamine	3.37	42	210769	28.901	ng	84
6) Aniline	6.79	93	555919	23.137	ng	96
8) 2-Chlorophenol	7.02	128	649491	39.821	ng	93
10) Phenol	6.67	94	739266	37.575	ng	96
11) bis(2-Chloroethyl)ether	6.89	93	546278	34.683	ng	96
12) 1,3-Dichlorobenzene	7.34	146	724377	36.151	ng	96
13) 1,4-Dichlorobenzene	7.48	146	735377	36.176	ng	97
14) 1,2-Dichlorobenzene	7.79	146	708548	36.111	ng	97
15) Benzyl Alcohol	7.69	79	543185	33.379	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.99	45	406968	28.225	ng	96
17) 2-Methylphenol	7.90	107	509923	36.779	ng	95
18) Hexachloroethane	8.51	117	256816	32.717	ng	92
19) n-Nitroso-di-n-propylamine	8.26	70	434746	29.337	ng	94
20) 3+4-Methylphenols	8.23	107	709518	36.969	ng	97
22) Acetophenone	8.26	105	905970	33.335	ng	98
24) Nitrobenzene	8.63	77	675829	32.814	ng	92
25) Isophorone	9.16	82	1209756	33.128	ng	97
26) 2-Nitrophenol	9.33	139	371165	38.920	ng	91
27) 2,4-Dimethylphenol	9.41	122	583592	45.032	ng	94
28) bis(2-Chloroethoxy)methane	9.64	93	753258	33.766	ng	99
29) 2,4-Dichlorophenol	9.86	162	732531	41.838	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	803912	38.071	ng	98
31) Naphthalene	10.25	128	1951235	36.654	ng	100
32) Benzoic acid	9.57	122	424113m	35.776	ng	
33) 4-Chloroaniline	10.37	127	418147	17.920	ng	96
34) Hexachlorobutadiene	10.56	225	530256	36.326	ng	100
35) Caprolactam	11.15	113	190281m	33.874	ng	
36) 4-Chloro-3-methylphenol	11.52	107	677008	36.364	ng	91
37) 2-Methylnaphthalene	11.88	142	1545689	37.625	ng	98
38) 1-Methylnaphthalene	12.10	142	1474971	37.744	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	976308	39.920	ng	99
41) Hexachlorocyclopentadiene	12.25	237	958830	69.946	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.51	196	653138	41.968	ng		100
44) 2,4,5-Trichlorophenol	12.58	196	688194	43.299	ng		96
46) 1,1'-Biphenyl	12.92	154	2069456	39.907	ng		99
47) 2-Chloronaphthalene	12.95	162	1664616	39.762	ng		97
48) 2-Nitroaniline	13.16	65	389226	30.483	ng		86
49) Acenaphthylene	13.81	152	2544680	40.603	ng		100
50) Dimethylphthalate	13.57	163	2118500	38.233	ng		100
51) 2,6-Dinitrotoluene	13.67	165	479336	40.688	ng		87
52) Acenaphthene	14.16	154	1533927	39.443	ng		99
53) 3-Nitroaniline	14.00	138	331426	27.125	ng		93
54) 2,4-Dinitrophenol	14.22	184	606905	86.150	ng	#	86
55) Dibenzofuran	14.50	168	2589738	40.832	ng		96
56) 4-Nitrophenol	14.34	139	739819	77.459	ng		86
57) 2,4-Dinitrotoluene	14.47	165	666176	39.457	ng	#	88
58) Fluorene	15.15	166	2085056	39.119	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	687643	42.663	ng		94
60) Diethylphthalate	14.95	149	2086302	37.087	ng		99
61) 4-Chlorophenyl-phenylether	15.16	204	1181101	38.436	ng		98
62) 4-Nitroaniline	15.17	138	448458	33.251	ng		93
63) Azobenzene	15.45	77	1593373	33.206	ng		93
65) 4,6-Dinitro-2-methylphenol	15.24	198	415819	43.573	ng		88
66) n-Nitrosodiphenylamine	15.37	169	1830597	39.265	ng		99
67) 4-Bromophenyl-phenylether	16.05	248	790512	39.166	ng		96
68) Hexachlorobenzene	16.16	284	911083	39.335	ng		97
69) Atrazine	16.34	200	525980	29.391	ng		99
70) Pentachlorophenol	16.51	266	1743976	123.613	ng		99
71) Phenanthrene	16.89	178	3367298	38.313	ng		99
72) Anthracene	16.98	178	3323616	38.647	ng		100
73) Carbazole	17.25	167	2975092	38.002	ng		98
74) Di-n-butylphthalate	17.84	149	3556587	35.536	ng		99
75) Fluoranthene	18.91	202	4165124	37.970	ng		99
77) Benzidine	19.11	184	853970	20.039	ng		99
78) Pyrene	19.27	202	4308227	35.714	ng		100
80) Butylbenzylphthalate	20.22	149	1625486	32.112	ng		92
81) Benzo(a)anthracene	21.04	228	4315357	33.978	ng		100
82) 3,3'-Dichlorobenzidine	20.98	252	1247884	27.314	ng		98
83) Chrysene	21.09	228	4045042	33.378	ng		100
84) Bis(2-ethylhexyl)phthalate	21.01	149	2347755	31.434	ng		98
85) Di-n-octyl phthalate	21.86	149	3952106	32.028	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.24	276	4096190	31.011	ng		99
88) Benzo(b)fluoranthene	22.54	252	4295244	51.467	ng		99
89) Benzo(k)fluoranthene	22.59	252	4009191	49.216	ng		99
90) Benzo(a)pyrene	23.07	252	3828005	50.451	ng		99
91) Dibenzo(a,h)anthracene	25.25	278	3496514	48.551	ng		99
92) Benzo(g,h,i)perylene	25.86	276	3364660	51.453	ng		98

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

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