Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
Data File : BM024679.D
Acq On : 31 Jan 2020 17:23
Operator : CG/JU
Sample : PB126505BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB126505BS

Manual Integrations APPROVED
mohammad
2/3/2020 4:11:07 PM

Quant Time: Feb 01 02:13:13 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	7.43	152	207956	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	774293	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	495496	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1214352	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1427362	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1083319	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1295427	118.47	ng	-0.01
7) Phenol-d6	6.63	99	1668208	110.74	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1013509	64.19	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	1073219	133.15	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	2910048	79.84	ng	-0.02
79) Terphenyl-d14	19.49	244	5449701	71.28	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	139236	32.189	ng	92
3) Pyridine	3.43	79	358356	28.578	ng	94
4) n-Nitrosodimethylamine	3.35	42	153705	27.615	ng	85
6) Aniline	6.77	93	367602	20.046	ng	93
8) 2-Chlorophenol	7.00	128	480894	38.632	ng	93
9) Benzaldehyde	6.58	77	8867	0.996	ng	89
10) Phenol	6.66	94	546240	36.378	ng	93
11) bis(2-Chloroethyl)ether	6.87	93	398435	33.146	ng	94
12) 1,3-Dichlorobenzene	7.32	146	547653	35.812	ng	97
13) 1,4-Dichlorobenzene	7.46	146	562180	36.237	ng	97
14) 1,2-Dichlorobenzene	7.77	146	537206	35.873	ng	97
15) Benzyl Alcohol	7.67	79	398450	32.082	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.97	45	296351	26.930	ng	97
17) 2-Methylphenol	7.88	107	373943	35.339	ng	94
18) Hexachloroethane	8.49	117	197751	33.009	ng	91
19) n-Nitroso-di-n-propylamine	8.23	70	311033	27.501	ng	94
20) 3+4-Methylphenols	8.20	107	512326	34.977	ng	96
22) Acetophenone	8.24	105	666610	33.388	ng	95
24) Nitrobenzene	8.60	77	487205	32.201	ng	96
25) Isophorone	9.13	82	870147	32.435	ng	97
26) 2-Nitrophenol	9.31	139	280481	40.035	ng	89
27) 2,4-Dimethylphenol	9.39	122	421664	44.291	ng	93
28) bis(2-Chloroethoxy)methane	9.62	93	541474	33.041	ng	98
29) 2,4-Dichlorophenol	9.85	162	533134	41.449	ng	98
30) 1,2,4-Trichlorobenzene	10.06	180	590243	38.049	ng	99
31) Naphthalene	10.23	128	1432535	36.631	ng	99
32) Benzoic acid	9.54	122	347961m	39.955	ng	
33) 4-Chloroaniline	10.35	127	322395	18.807	ng	97
34) Hexachlorobutadiene	10.53	225	394275	36.767	ng	99
35) Caprolactam	11.12	113	143954m	34.884	ng	
36) 4-Chloro-3-methylphenol	11.49	107	493429	36.077	ng	93
37) 2-Methylnaphthalene	11.86	142	1123706	37.233	ng	98
38) 1-Methylnaphthalene	12.08	142	1066072	37.135	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	712179	40.272	ng	99

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Quant Time: Feb 01 02:13:13 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)
41) Hexachlorocyclopentadiene	12.23	237	544727	54.954	ng		99
43) 2,4,6-Trichlorophenol	12.49	196	473929	42.114	ng		99
44) 2,4,5-Trichlorophenol	12.56	196	507085	44.122	ng		96
46) 1,1'-Biphenyl	12.90	154	1480711	39.488	ng		99
47) 2-Chloronaphthalene	12.93	162	1188958	39.275	ng		97
48) 2-Nitroaniline	13.15	65	288427	31.239	ng		86
49) Acenaphthylene	13.79	152	1850564	40.835	ng		99
50) Dimethylphthalate	13.55	163	1531475	38.223	ng		99
51) 2,6-Dinitrotoluene	13.66	165	351505	41.263	ng	#	84
52) Acenaphthene	14.14	154	1095639	38.962	ng		98
53) 3-Nitroaniline	13.99	138	229006	25.920	ng		94
54) 2,4-Dinitrophenol	14.20	184	456095	89.535	ng	#	85
55) Dibenzofuran	14.48	168	1876708	40.921	ng		96
56) 4-Nitrophenol	14.32	139	576970	83.542	ng		87
57) 2,4-Dinitrotoluene	14.46	165	497179	40.724	ng	#	83
58) Fluorene	15.13	166	1529097	39.675	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	516237	44.293	ng		94
60) Diethylphthalate	14.94	149	1527800	37.559	ng		98
61) 4-Chlorophenyl-phenylether	15.14	204	858279	38.626	ng		98
62) 4-Nitroaniline	15.16	138	329915	33.829	ng		90
63) Azobenzene	15.43	77	1143759	32.964	ng		93
65) 4,6-Dinitro-2-methylphenol	15.22	198	313542	43.913	ng		89
66) n-Nitrosodiphenylamine	15.36	169	1347985	38.644	ng		99
67) 4-Bromophenyl-phenylether	16.03	248	578348	38.297	ng		97
68) Hexachlorobenzene	16.15	284	669800	38.651	ng		96
69) Atrazine	16.32	200	383816	28.665	ng		99
70) Pentachlorophenol	16.49	266	1336237	126.588	ng		99
71) Phenanthrene	16.87	178	2526815	38.425	ng		100
72) Anthracene	16.96	178	2485617	38.630	ng		100
73) Carbazole	17.23	167	2257071	38.533	ng		99
74) Di-n-butylphthalate	17.83	149	2671790	35.680	ng		99
75) Fluoranthene	18.90	202	3188656	38.851	ng		99
77) Benzidine	19.09	184	567304	17.066	ng		99
78) Pyrene	19.26	202	3294265	35.009	ng		100
80) Butylbenzylphthalate	20.20	149	1263938	32.011	ng		90
81) Benzo(a)anthracene	21.03	228	3382371	34.142	ng		99
82) 3,3'-Dichlorobenzidine	20.97	252	1046308	29.360	ng		100
83) Chrysene	21.08	228	3208524	33.942	ng		100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1807754	31.029	ng		98
85) Di-n-octyl phthalate	21.85	149	3111458	32.326	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.22	276	3873623	37.596	ng		99
88) Benzo(b)fluoranthene	22.53	252	3589156	51.083	ng		99
89) Benzo(k)fluoranthene	22.57	252	3275727	47.764	ng		100
90) Benzo(a)pyrene	23.06	252	3251188	50.895	ng		99
91) Dibenzo(a,h)anthracene	25.23	278	3329292	54.911	ng		98
92) Benzo(g,h,i)perylene	25.84	276	3271138	59.417	ng		98

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

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