Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040121\
Data File : BP005135.D
Acq On : 01 Apr 2021 14:36
Operator : CG/JU
Sample : M1864-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MMR-SPMS

Manual Integrations APPROVED
mohammad
4/2/2021 12:10:07 PM

Quant Time: Apr 01 15:53:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 12:23:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	28211	20.00	ng		0.00
21) Naphthalene-d8	10.498	136	107604	20.00	ng	#	0.00
39) Acenaphthene-d10	14.363	164	72754	20.00	ng		0.00
64) Phenanthrene-d10	17.121	188	147028	20.00	ng	#	0.00
76) Chrysene-d12	21.221	240	149159	20.00	ng		0.00
86) Perylene-d12	23.503	264	152173	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	241859	131.94	ng		0.00
7) Phenol-d6	6.887	99	295997	112.73	ng		0.00
23) Nitrobenzene-d5	8.869	82	227057	90.54	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	120126	126.72	ng		0.00
45) 2-Fluorobiphenyl	12.981	172	458685	85.29	ng		0.00
79) Terphenyl-d14	19.698	244	725611	88.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	33235	41.63	ng	#	56
3) Pyridine	3.652	79	80360	40.49	ng		94
4) n-Nitrosodimethylamine	3.552	42	32732	46.12	ng	#	86
6) Aniline	7.046	93	51214	17.21	ng	#	89
8) 2-Chlorophenol	7.275	128	93867	48.55	ng		82
9) Benzaldehyde	6.851	77	68800	51.45	ng	#	77
10) Phenol	6.916	94	119559	44.43	ng		83
11) bis(2-Chloroethyl)ether	7.140	93	97510	49.49	ng		94
12) 1,3-Dichlorobenzene	7.593	146	94544	44.01	ng	#	91
13) 1,4-Dichlorobenzene	7.740	146	100330	46.00	ng	#	94
14) 1,2-Dichlorobenzene	8.057	146	93408	44.65	ng	#	93
15) Benzyl Alcohol	7.951	79	101674	50.19	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.240	45	73610	50.93	ng		96
17) 2-Methylphenol	8.157	107	86678	50.47	ng	#	91
18) Hexachloroethane	8.775	117	38173	45.93	ng	#	86
19) n-Nitroso-di-n-propyla...	8.516	70	80016	46.97	ng	#	92
20) 3+4-Methylphenols	8.487	107	116004	49.47	ng		93
22) Acetophenone	8.534	105	157278	50.84	ng	#	95
24) Nitrobenzene	8.910	77	119313	45.14	ng	#	81
25) Isophorone	9.434	82	223708	48.33	ng	#	87
26) 2-Nitrophenol	9.616	139	51051	49.81	ng	#	69
27) 2,4-Dimethylphenol	9.681	122	92620	56.19	ng		87
28) bis(2-Chloroethoxy)met...	9.916	93	127721	54.52	ng	#	95
29) 2,4-Dichlorophenol	10.145	162	92038	49.90	ng		91
30) 1,2,4-Trichlorobenzene	10.357	180	94225	45.49	ng		98
31) Naphthalene	10.545	128	284408	46.79	ng		99
32) Benzoic acid	9.840	122	58618	47.90	ng	#	76
33) 4-Chloroaniline	10.669	127	9968	4.05	ng	#	86
34) Hexachlorobutadiene	10.828	225	56864	42.65	ng		99
35) Caprolactam	11.463	113	26801m	44.28	ng		
36) 4-Chloro-3-methylphenol	11.798	107	111284	49.95	ng	#	79
37) 2-Methylnaphthalene	12.169	142	206297	47.00	ng		97
38) 1-Methylnaphthalene	12.386	142	189015	45.94	ng		98
40) 1,2,4,5-Tetrachloroben...	12.539	216	110270	46.54	ng	#	97
41) Hexachlorocyclopentadiene	12.516	237	132528	102.84	ng		98
43) 2,4,6-Trichlorophenol	12.786	196	77492	47.32	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	84181	47.46	ng	#	92
46) 1,1'-Biphenyl	13.192	154	264471	47.66	ng		96
47) 2-Chloronaphthalene	13.233	162	203116	44.97	ng		98
48) 2-Nitroaniline	13.445	65	71341	49.57	ng	#	60
49) Acenaphthylene	14.080	152	345006	49.11	ng		99
50) Dimethylphthalate	13.828	163	269205	48.04	ng		98
51) 2,6-Dinitrotoluene	13.945	165	60613	45.90	ng	#	64
52) Acenaphthene	14.428	154	202187	46.77	ng		98
53) 3-Nitroaniline	14.275	138	14445	11.88	ng	#	46
54) 2,4-Dinitrophenol	14.486	184	81540	101.95	ng	#	76
55) Dibenzofuran	14.763	168	314800	44.43	ng		100
56) 4-Nitrophenol	14.598	139	97002	97.28	ng	#	54
57) 2,4-Dinitrotoluene	14.739	165	84726	48.58	ng	#	65
58) Fluorene	15.416	166	260142	45.47	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	73454	44.90	ng		99
60) Diethylphthalate	15.198	149	266143	48.56	ng		99
61) 4-Chlorophenyl-phenyle...	15.416	204	138134	45.49	ng		97
62) 4-Nitroaniline	15.451	138	57254	45.85	ng	#	69
63) Azobenzene	15.710	77	277615	44.31	ng		87
65) 4,6-Dinitro-2-methylph...	15.504	198	49372	46.01	ng		86
66) n-Nitrosodiphenylamine	15.633	169	230588	48.79	ng		97
67) 4-Bromophenyl-phenylether	16.316	248	81019	47.56	ng		96
68) Hexachlorobenzene	16.422	284	88503	46.20	ng		95
69) Atrazine	16.598	200	87691	55.86	ng		96
70) Pentachlorophenol	16.774	266	126357	99.90	ng		100
71) Phenanthrene	17.169	178	402971	47.28	ng		98
72) Anthracene	17.257	178	413510	49.65	ng		99
73) Carbazole	17.533	167	378081	48.32	ng		99
74) Di-n-butylphthalate	18.092	149	458444	53.25	ng	#	99
75) Fluoranthene	19.145	202	476162	47.48	ng		97
77) Benzidine	19.333	184	182226	55.68	ng		99
78) Pyrene	19.498	202	483963	47.22	ng		98
80) Butylbenzylphthalate	20.380	149	206435	54.28	ng	#	76
81) Benzo(a)anthracene	21.209	228	489931	48.35	ng		98
82) 3,3'-Dichlorobenzidine	21.145	252	56128	16.48	ng		98
83) Chrysene	21.262	228	467962	47.05	ng		98
84) Bis(2-ethylhexyl)phtha...	21.139	149	311882	55.93	ng		96
85) Di-n-octyl phthalate	22.021	149	537668	57.19	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.856	276	554543	48.60	ng		99
88) Benzo(b)fluoranthene	22.815	252	493252	45.65	ng		100
89) Benzo(k)fluoranthene	22.862	252	461981	44.61	ng		99
90) Benzo(a)pyrene	23.409	252	425969	43.96	ng		99
91) Dibenzo(a,h)anthracene	25.868	278	472375	47.88	ng		96
92) Benzo(g,h,i)perylene	26.574	276	460154	48.33	ng		97

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

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