Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040121\
Data File : BP005136.D
Acq On : 01 Apr 2021 15:10
Operator : CG/JU
Sample : M1864-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MMR-SPMSD

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

Quant Time: Apr 01 15:54:25 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	7.705	152	26039	20.00	ng	# 0.00
21) Naphthalene-d8	10.499	136	104837	20.00	ng	# 0.00
39) Acenaphthene-d10	14.363	164	69820	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	146942	20.00	ng	# 0.00
76) Chrysene-d12	21.221	240	151571	20.00	ng	0.00
86) Perylene-d12	23.504	264	152522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	235538	139.20	ng	0.00
7) Phenol-d6	6.887	99	290594	119.90	ng	0.00
23) Nitrobenzene-d5	8.869	82	220777	90.36	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	118357	130.11	ng	0.00
45) 2-Fluorobiphenyl	12.981	172	446934	86.59	ng	0.00
79) Terphenyl-d14	19.698	244	726588	87.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	33121	44.95	ng	# 63
3) Pyridine	3.646	79	73627	40.19	ng	95
4) n-Nitrosodimethylamine	3.552	42	32604	49.77	ng	# 80
6) Aniline	7.046	93	50032	18.22	ng	# 84
8) 2-Chlorophenol	7.275	128	92723	51.96	ng	82
9) Benzaldehyde	6.858	77	67154	54.41	ng	# 75
10) Phenol	6.910	94	118361	47.65	ng	83
11) bis(2-Chloroethyl)ether	7.140	93	92907	51.09	ng	95
12) 1,3-Dichlorobenzene	7.593	146	94298	47.56	ng	# 90
13) 1,4-Dichlorobenzene	7.740	146	94132	46.76	ng	# 91
14) 1,2-Dichlorobenzene	8.057	146	91554	47.41	ng	95
15) Benzyl Alcohol	7.952	79	102035	54.57	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.246	45	75121	56.32	ng	95
17) 2-Methylphenol	8.157	107	84377	53.23	ng	# 93
18) Hexachloroethane	8.775	117	36842	48.03	ng	85
19) n-Nitroso-di-n-propyla...	8.516	70	79423	50.52	ng	# 91
20) 3+4-Methylphenols	8.481	107	112713	52.07	ng	94
22) Acetophenone	8.534	105	153935	51.07	ng	# 94
24) Nitrobenzene	8.910	77	116067	45.08	ng	# 82
25) Isophorone	9.434	82	218416	48.43	ng	# 88
26) 2-Nitrophenol	9.616	139	50507	50.58	ng	# 72
27) 2,4-Dimethylphenol	9.681	122	89008	55.43	ng	# 84
28) bis(2-Chloroethoxy)met...	9.916	93	124544	54.57	ng	98
29) 2,4-Dichlorophenol	10.151	162	90130	50.16	ng	93
30) 1,2,4-Trichlorobenzene	10.363	180	91173	45.18	ng	98
31) Naphthalene	10.546	128	274147	46.29	ng	99
32) Benzoic acid	9.834	122	58062	48.70	ng	# 52
33) 4-Chloroaniline	10.669	127	10210	4.26	ng	# 88
34) Hexachlorobutadiene	10.828	225	53798	41.42	ng	98
35) Caprolactam	11.463	113	26691m	45.27	ng	
36) 4-Chloro-3-methylphenol	11.798	107	110976	51.12	ng	# 83
37) 2-Methylnaphthalene	12.169	142	199241	46.59	ng	# 96
38) 1-Methylnaphthalene	12.387	142	186466	46.52	ng	96
40) 1,2,4,5-Tetrachloroben...	12.540	216	106731	46.94	ng	# 98
41) Hexachlorocyclopentadiene	12.516	237	128681	104.05	ng	98
43) 2,4,6-Trichlorophenol	12.787	196	75594	48.10	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	81416	47.83	ng	#	92
46) 1,1'-Biphenyl	13.187	154	257118	48.28	ng		97
47) 2-Chloronaphthalene	13.228	162	202365	46.68	ng		97
48) 2-Nitroaniline	13.445	65	70415	50.98	ng	#	63
49) Acenaphthylene	14.081	152	340529	50.51	ng		99
50) Dimethylphthalate	13.828	163	263387	48.98	ng		99
51) 2,6-Dinitrotoluene	13.945	165	58565	46.21	ng	#	63
52) Acenaphthene	14.428	154	199216	48.02	ng		98
53) 3-Nitroaniline	14.275	138	15378	13.18	ng	#	57
54) 2,4-Dinitrophenol	14.487	184	82298	107.23	ng	#	80
55) Dibenzofuran	14.763	168	312476	45.96	ng		98
56) 4-Nitrophenol	14.598	139	94638	98.90	ng	#	54
57) 2,4-Dinitrotoluene	14.739	165	83708	50.01	ng	#	66
58) Fluorene	15.416	166	254961	46.44	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	74467	47.43	ng		97
60) Diethylphthalate	15.198	149	261278	49.67	ng		99
61) 4-Chlorophenyl-phenyle...	15.416	204	134851	46.28	ng		97
62) 4-Nitroaniline	15.451	138	57443	47.93	ng	#	71
63) Azobenzene	15.710	77	274773	45.70	ng		88
65) 4,6-Dinitro-2-methylph...	15.504	198	49513	46.17	ng		86
66) n-Nitrosodiphenylamine	15.634	169	226869	48.03	ng		95
67) 4-Bromophenyl-phenylether	16.316	248	82461	48.44	ng		96
68) Hexachlorobenzene	16.422	284	89188	46.58	ng		98
69) Atrazine	16.598	200	87982	56.08	ng		98
70) Pentachlorophenol	16.775	266	126082	99.74	ng		98
71) Phenanthrene	17.169	178	398227	46.75	ng		99
72) Anthracene	17.257	178	411691	49.46	ng		98
73) Carbazole	17.533	167	369861	47.30	ng		98
74) Di-n-butylphthalate	18.092	149	460321	53.50	ng	#	98
75) Fluoranthene	19.145	202	478548	47.75	ng		98
77) Benzidine	19.327	184	194372	58.45	ng		99
78) Pyrene	19.498	202	488069	46.86	ng		98
80) Butylbenzylphthalate	20.374	149	209795	54.28	ng	#	76
81) Benzo(a)anthracene	21.210	228	492648	47.84	ng		97
82) 3,3'-Dichlorobenzidine	21.139	252	59793	17.28	ng		98
83) Chrysene	21.257	228	468702	46.37	ng		98
84) Bis(2-ethylhexyl)phtha...	21.133	149	312021	55.07	ng		99
85) Di-n-octyl phthalate	22.021	149	536404	56.14	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.857	276	561630	49.11	ng		99
88) Benzo(b)fluoranthene	22.816	252	504814	46.61	ng		100
89) Benzo(k)fluoranthene	22.863	252	460051	44.33	ng		98
90) Benzo(a)pyrene	23.410	252	427355	44.00	ng		99
91) Dibenzo(a,h)anthracene	25.874	278	475580	48.09	ng		99
92) Benzo(g,h,i)perylene	26.580	276	466984	48.94	ng		96

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

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