Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM028994.D
Acq On : 05 Mar 2021 13:48
Operator : CG/JU
Sample : PB134957BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB134957BS

Manual Integrations APPROVED
mohammad
3/8/2021 9:35:08 AM

Quant Time: Mar 05 14:24:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	11888	20.00	ng		0.00
21) Naphthalene-d8	10.475	136	45848	20.00	ng	#	0.00
39) Acenaphthene-d10	14.351	164	25778	20.00	ng		0.00
64) Phenanthrene-d10	17.098	188	49657	20.00	ng		0.00
76) Chrysene-d12	21.268	240	43777	20.00	ng	#	0.00
86) Perylene-d12	23.433	264	37728	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	88498	123.39	ng		0.00
7) Phenol-d6	6.875	99	109307	115.39	ng		0.00
23) Nitrobenzene-d5	8.857	82	60018	70.63	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	34572	113.16	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	130064	67.17	ng		0.00
79) Terphenyl-d14	19.721	244	148170	62.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	11190	41.50	ng	#	53
3) Pyridine	3.510	79	29356	41.25	ng	#	32
4) n-Nitrosodimethylamine	3.428	42	23271	58.53	ng	#	41
6) Aniline	7.016	93	34999	34.55	ng		99
8) 2-Chlorophenol	7.246	128	36304	42.61	ng		99
9) Benzaldehyde	6.828	77	10906	21.12	ng		85
10) Phenol	6.899	94	40284	42.79	ng		96
11) bis(2-Chloroethyl)ether	7.122	93	29560	41.39	ng		90
12) 1,3-Dichlorobenzene	7.563	146	38768	41.73	ng		95
13) 1,4-Dichlorobenzene	7.716	146	39469	41.89	ng		98
14) 1,2-Dichlorobenzene	8.028	146	37480	41.34	ng		99
15) Benzyl Alcohol	7.940	79	29245	43.17	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.222	45	51451	46.78	ng		69
17) 2-Methylphenol	8.145	107	27638	43.23	ng		93
18) Hexachloroethane	8.745	117	15057	43.98	ng		92
19) n-Nitroso-di-n-propyla...	8.504	70	23197	41.63	ng	#	46
20) 3+4-Methylphenols	8.481	107	36571	42.52	ng		93
22) Acetophenone	8.516	105	49558	44.32	ng	#	84
24) Nitrobenzene	8.898	77	36855	42.65	ng	#	87
25) Isophorone	9.422	82	59275	39.64	ng	#	94
26) 2-Nitrophenol	9.604	139	18124	41.53	ng		93
27) 2,4-Dimethylphenol	9.669	122	28863	44.07	ng		95
28) bis(2-Chloroethoxy)met...	9.904	93	37710	44.38	ng		98
29) 2,4-Dichlorophenol	10.134	162	31027	41.41	ng		98
30) 1,2,4-Trichlorobenzene	10.339	180	34631	42.15	ng		97
31) Naphthalene	10.528	128	103437	40.92	ng		98
32) Benzoic acid	9.851	122	20524	43.72	ng	#	88
33) 4-Chloroaniline	10.651	127	21745	21.40	ng		94
34) Hexachlorobutadiene	10.792	225	20875	42.38	ng		97
35) Caprolactam	11.463	113	8136	39.69	ng	#	39
36) 4-Chloro-3-methylphenol	11.798	107	31943	42.30	ng		96
37) 2-Methylnaphthalene	12.145	142	71983	40.47	ng		98
38) 1-Methylnaphthalene	12.369	142	67420	40.02	ng		100
40) 1,2,4,5-Tetrachloroben...	12.522	216	34888	43.29	ng		99
41) Hexachlorocyclopentadiene	12.486	237	35500	115.55	ng		99
43) 2,4,6-Trichlorophenol	12.775	196	23407	41.43	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM028994.D
Acq On : 05 Mar 2021 13:48
Operator : CG/JU
Sample : PB134957BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB134957BS

Manual Integrations APPROVED
mohammad
3/8/2021 9:35:08 AM

Quant Time: Mar 05 14:24:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	24901	41.07	ng	#	95
46) 1,1'-Biphenyl	13.175	154	88023	42.58	ng		98
47) 2-Chloronaphthalene	13.222	162	70708	41.90	ng		97
48) 2-Nitroaniline	13.445	65	21360	47.06	ng		92
49) Acenaphthylene	14.075	152	107472	41.47	ng		99
50) Dimethylphthalate	13.822	163	81812	41.88	ng		98
51) 2,6-Dinitrotoluene	13.951	165	17722	38.91	ng		94
52) Acenaphthene	14.416	154	64927	40.85	ng		99
53) 3-Nitroaniline	14.280	138	12697	28.61	ng		87
54) 2,4-Dinitrophenol	14.504	184	21094	90.54	ng		91
55) Dibenzofuran	14.751	168	101454	40.66	ng		96
56) 4-Nitrophenol	14.610	139	29669	81.50	ng		89
57) 2,4-Dinitrotoluene	14.745	165	25124	42.23	ng	#	83
58) Fluorene	15.404	166	83107	41.55	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.986	232	20210m	41.47	ng		
60) Diethylphthalate	15.186	149	82811	42.13	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	40188	42.11	ng	#	89
62) 4-Nitroaniline	15.451	138	16830	39.23	ng		98
63) Azobenzene	15.692	77	77659	42.82	ng	#	84
65) 4,6-Dinitro-2-methylph...	15.516	198	13719	39.23	ng	#	78
66) n-Nitrosodiphenylamine	15.621	169	68928	40.58	ng		98
67) 4-Bromophenyl-phenylether	16.292	248	22604	40.57	ng	#	89
68) Hexachlorobenzene	16.404	284	25241	40.65	ng	#	93
69) Atrazine	16.574	200	18956	35.87	ng		96
70) Pentachlorophenol	16.751	266	29804	89.74	ng		98
71) Phenanthrene	17.139	178	120018	40.59	ng		99
72) Anthracene	17.227	178	122177	41.71	ng		99
73) Carbazole	17.510	167	107431	38.23	ng		98
74) Di-n-butylphthalate	18.062	149	133087	41.65	ng		100
75) Fluoranthene	19.151	202	129616	39.89	ng		98
77) Benzidine	19.351	184	37196	25.78	ng		98
78) Pyrene	19.515	202	132924	41.33	ng		99
80) Butylbenzylphthalate	20.415	149	57410	41.47	ng	#	97
81) Benzo(a)anthracene	21.256	228	119658	39.39	ng		99
82) 3,3'-Dichlorobenzidine	21.198	252	32743	31.20	ng	#	98
83) Chrysene	21.309	228	118121	39.90	ng		100
84) Bis(2-ethylhexyl)phtha...	21.186	149	82980	41.65	ng	#	96
85) Di-n-octyl phthalate	22.045	149	140057	41.43	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.603	276	120976	42.49	ng	#	92
88) Benzo(b)fluoranthene	22.792	252	114556	42.98	ng	#	97
89) Benzo(k)fluoranthene	22.833	252	115016	45.43	ng	#	98
90) Benzo(a)pyrene	23.344	252	102425	42.12	ng	#	98
91) Dibenzo(a,h)anthracene	25.603	278	101793	41.14	ng	#	96
92) Benzo(g,h,i)perylene	26.262	276	100495	42.06	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM028994.D
Acq On : 05 Mar 2021 13:48
Operator : CG/JU
Sample : PB134957BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 05 14:24:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB134957BS

Manual Integrations APPROVED
mohammad
3/8/2021 9:35:08 AM