Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
Data File : BP005119.D
Acq On : 31 Mar 2021 10:43
Operator : CG/JU
Sample : PB135372BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB135372BS

Manual Integrations APPROVED
mohammad
4/1/2021 10:52:35 AM

Quant Time: Mar 31 11:25:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 10:07:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.711	152	26225	20.00	ng		0.00
21) Naphthalene-d8	10.499	136	107836	20.00	ng		#-0.01
39) Acenaphthene-d10	14.363	164	71891	20.00	ng		-0.01
64) Phenanthrene-d10	17.122	188	149631	20.00	ng		#-0.01
76) Chrysene-d12	21.222	240	154732	20.00	ng		-0.01
86) Perylene-d12	23.504	264	155122	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	246879	144.87	ng		0.00
7) Phenol-d6	6.893	99	328777	134.69	ng		0.00
23) Nitrobenzene-d5	8.869	82	213018	84.76	ng		-0.01
42) 2,4,6-Tribromophenol	15.863	330	125666	134.16	ng		-0.01
45) 2-Fluorobiphenyl	12.981	172	463607	87.23	ng		0.00
79) Terphenyl-d14	19.698	244	746329	87.81	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	25244	34.02	ng		96
3) Pyridine	3.640	79	66455	36.02	ng		95
4) n-Nitrosodimethylamine	3.552	42	29885	45.30	ng		76
6) Aniline	7.046	93	105014	37.96	ng	#	89
8) 2-Chlorophenol	7.275	128	86241	47.98	ng		83
9) Benzaldehyde	6.858	77	42082	33.85	ng	#	82
10) Phenol	6.916	94	122235	48.86	ng		81
11) bis(2-Chloroethyl)ether	7.146	93	85902	46.90	ng		97
12) 1,3-Dichlorobenzene	7.599	146	88699	44.42	ng	#	91
13) 1,4-Dichlorobenzene	7.746	146	89367	44.08	ng		95
14) 1,2-Dichlorobenzene	8.058	146	85081	43.75	ng	#	91
15) Benzyl Alcohol	7.958	79	90045	47.82	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.246	45	64354	47.90	ng		89
17) 2-Methylphenol	8.158	107	80256	50.27	ng	#	89
18) Hexachloroethane	8.781	117	34072	44.10	ng		96
19) n-Nitroso-di-n-propyla...	8.522	70	70247	44.36	ng	#	93
20) 3+4-Methylphenols	8.487	107	110114	50.51	ng		91
22) Acetophenone	8.534	105	137174	44.25	ng	#	93
24) Nitrobenzene	8.910	77	107503	40.59	ng	#	78
25) Isophorone	9.440	82	193872	41.79	ng	#	89
26) 2-Nitrophenol	9.616	139	45982	44.76	ng	#	61
27) 2,4-Dimethylphenol	9.681	122	85465	51.74	ng		89
28) bis(2-Chloroethoxy)met...	9.922	93	116294	49.53	ng		97
29) 2,4-Dichlorophenol	10.152	162	84667	45.81	ng		94
30) 1,2,4-Trichlorobenzene	10.363	180	87677	42.23	ng		99
31) Naphthalene	10.552	128	260174	42.71	ng		99
32) Benzoic acid	9.840	122	57828	47.15	ng	#	64
33) 4-Chloroaniline	10.669	127	47853	19.42	ng	#	89
34) Hexachlorobutadiene	10.834	225	54945	41.13	ng		95
35) Caprolactam	11.469	113	31144	51.35	ng		88
36) 4-Chloro-3-methylphenol	11.799	107	104879	46.97	ng	#	83
37) 2-Methylnaphthalene	12.169	142	189947	43.18	ng	#	96
38) 1-Methylnaphthalene	12.393	142	178420m	43.27	ng		
40) 1,2,4,5-Tetrachloroben...	12.540	216	104860	44.79	ng	#	97
41) Hexachlorocyclopentadiene	12.522	237	142935	112.24	ng		97
43) 2,4,6-Trichlorophenol	12.787	196	73114	45.18	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	80070	45.69	ng	#	92
46) 1,1'-Biphenyl	13.193	154	250753	45.73	ng		97
47) 2-Chloronaphthalene	13.234	162	193042	43.25	ng		99
48) 2-Nitroaniline	13.445	65	66109	46.48	ng	#	62
49) Acenaphthylene	14.087	152	326653	47.06	ng		100
50) Dimethylphthalate	13.828	163	250436	45.23	ng		99
51) 2,6-Dinitrotoluene	13.945	165	56435	43.25	ng	#	64
52) Acenaphthene	14.428	154	191063	44.73	ng		98
53) 3-Nitroaniline	14.281	138	35447	29.51	ng	#	65
54) 2,4-Dinitrophenol	14.487	184	73746	93.32	ng	#	80
55) Dibenzofuran	14.769	168	301467	43.06	ng		99
56) 4-Nitrophenol	14.598	139	96555	98.00	ng	#	51
57) 2,4-Dinitrotoluene	14.740	165	78816	45.73	ng	#	62
58) Fluorene	15.422	166	252364	44.64	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.998	232	73189	45.27	ng		98
60) Diethylphthalate	15.198	149	248902	45.95	ng		98
61) 4-Chlorophenyl-phenyle...	15.416	204	131991	43.99	ng		99
62) 4-Nitroaniline	15.451	138	56775	46.01	ng	#	69
63) Azobenzene	15.710	77	263282	42.53	ng		87
65) 4,6-Dinitro-2-methylph...	15.504	198	46769	42.83	ng		87
66) n-Nitrosodiphenylamine	15.634	169	220329	45.81	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	80520	46.45	ng		96
68) Hexachlorobenzene	16.422	284	88498	45.39	ng		96
69) Atrazine	16.598	200	84350	52.80	ng		98
70) Pentachlorophenol	16.775	266	121728	94.56	ng		98
71) Phenanthrene	17.169	178	390932	45.07	ng		99
72) Anthracene	17.257	178	403047	47.55	ng		99
73) Carbazole	17.534	167	358143	44.98	ng		98
74) Di-n-butylphthalate	18.092	149	427038	48.74	ng	#	98
75) Fluoranthene	19.145	202	454948	44.58	ng		98
77) Benzidine	19.328	184	220371	64.91	ng		99
78) Pyrene	19.498	202	467310	43.95	ng		97
80) Butylbenzylphthalate	20.375	149	190827	48.37	ng	#	76
81) Benzo(a)anthracene	21.204	228	479146	45.58	ng		98
82) 3,3'-Dichlorobenzidine	21.139	252	132299	37.45	ng		97
83) Chrysene	21.257	228	453271	43.93	ng		97
84) Bis(2-ethylhexyl)phtha...	21.133	149	286520	49.53	ng		98
85) Di-n-octyl phthalate	22.016	149	493295	50.58	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.851	276	548092	47.12	ng		98
88) Benzo(b)fluoranthene	22.810	252	487730	44.28	ng		98
89) Benzo(k)fluoranthene	22.857	252	460472	43.62	ng		99
90) Benzo(a)pyrene	23.404	252	427329	43.26	ng		96
91) Dibenzo(a,h)anthracene	25.863	278	466931	46.42	ng		98
92) Benzo(g,h,i)perylene	26.568	276	451748	46.55	ng		98

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

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