Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
Data File : BP003658.D
Acq On : 17 Oct 2020 03:44
Operator : CG/JU
Sample : L4406-08MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JC-02-101420-AMSD

Manual Integrations APPROVED
mohammad
10/19/2020 1:24:20 PM

Quant Time: Oct 17 04:24:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 12:46:19 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.540	152	102657	20.00	ng		0.00
21) Naphthalene-d8	11.387	136	420328	20.00	ng	#	0.00
39) Acenaphthene-d10	15.140	164	310136	20.00	ng		0.00
64) Phenanthrene-d10	17.851	188	749691	20.00	ng		0.00
76) Chrysene-d12	21.863	240	804978	20.00	ng	#	0.00
86) Perylene-d12	24.427	264	776067	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.034	112	769555	128.87	ng		0.00
7) Phenol-d6	7.693	99	1012917	116.45	ng		0.01
23) Nitrobenzene-d5	9.710	82	898641	99.12	ng		0.00
42) 2,4,6-Tribromophenol	16.610	330	731997	177.03	ng		0.00
45) 2-Fluorobiphenyl	13.769	172	2080362	88.00	ng		0.00
79) Terphenyl-d14	20.316	244	4088104	91.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.699	88	73742	28.83	ng	#	39
3) Pyridine	4.152	79	233317	31.30	ng	#	92
4) n-Nitrosodimethylamine	4.034	42	127325	39.75	ng	#	57
6) Aniline	7.834	93	338207	33.22	ng	#	85
8) 2-Chlorophenol	8.105	128	311048	51.24	ng	#	81
9) Benzaldehyde	7.634	77	140264	29.68	ng	#	79
10) Phenol	7.716	94	387434	46.12	ng		77
11) bis(2-Chloroethyl)ether	7.916	93	312293	46.31	ng		89
12) 1,3-Dichlorobenzene	8.434	146	302843	38.37	ng	#	90
13) 1,4-Dichlorobenzene	8.575	146	313220	39.55	ng	#	93
14) 1,2-Dichlorobenzene	8.911	146	308232	40.58	ng	#	93
15) Benzyl Alcohol	8.769	79	378089	54.12	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	9.069	45	293298	42.48	ng		99
17) 2-Methylphenol	8.993	107	303853	53.39	ng	#	88
18) Hexachloroethane	9.663	117	119006	38.66	ng		95
19) n-Nitroso-di-n-propyla...	9.346	70	292989	50.53	ng	#	84
20) 3+4-Methylphenols	9.316	107	412995	54.51	ng		92
22) Acetophenone	9.363	105	558774	45.03	ng	#	88
24) Nitrobenzene	9.752	77	433856	48.61	ng	#	77
25) Isophorone	10.281	82	839960	49.65	ng	#	89
26) 2-Nitrophenol	10.481	139	180322	66.81	ng	#	61
27) 2,4-Dimethylphenol	10.534	122	327667	58.77	ng	#	81
28) bis(2-Chloroethoxy)met...	10.746	93	464624	44.67	ng		98
29) 2,4-Dichlorophenol	11.034	162	376080	54.04	ng		94
30) 1,2,4-Trichlorobenzene	11.252	180	371608	40.26	ng		97
31) Naphthalene	11.440	128	989739	43.92	ng		100
32) Benzoic acid	10.687	122	186506	60.02	ng	#	64
33) 4-Chloroaniline	11.516	127	141304	14.52	ng	#	84
34) Hexachlorobutadiene	11.746	225	257387	37.62	ng		97
35) Caprolactam	12.252	113	90432	41.01	ng	#	52
36) 4-Chloro-3-methylphenol	12.622	107	456823	57.52	ng	#	82
37) 2-Methylnaphthalene	13.004	142	794432	47.38	ng	#	95
38) 1-Methylnaphthalene	13.222	142	745429m	47.30	ng		
40) 1,2,4,5-Tetrachloroben...	13.375	216	517063	43.97	ng		98
41) Hexachlorocyclopentadiene	13.369	237	513135	78.31	ng		99
43) 2,4,6-Trichlorophenol	13.593	196	356638	54.70	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.675	196	388226	56.69	ng	#	93
46) 1,1'-Biphenyl	13.981	154	1088273	45.41	ng		98
47) 2-Chloronaphthalene	14.028	162	858775	43.04	ng		97
48) 2-Nitroaniline	14.204	65	296427	51.87	ng	#	60
49) Acenaphthylene	14.863	152	1356557	46.68	ng		100
50) Dimethylphthalate	14.563	163	1405072	55.17	ng		99
51) 2,6-Dinitrotoluene	14.675	165	269609	58.78	ng	#	60
52) Acenaphthene	15.204	154	970492	51.26	ng		85
53) 3-Nitroaniline	15.004	138	142572	30.83	ng	#	61
54) 2,4-Dinitrophenol	15.210	184	220748	89.47	ng	#	1
55) Dibenzofuran	15.528	168	1414989	48.09	ng		97
56) 4-Nitrophenol	15.316	139	381573	114.92	ng	#	40
57) 2,4-Dinitrotoluene	15.463	165	384825	56.87	ng	#	70
58) Fluorene	16.169	166	1183195	49.70	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.757	232	380023	60.34	ng		92
60) Diethylphthalate	15.910	149	1244862	49.73	ng		98
61) 4-Chlorophenyl-phenyle...	16.145	204	675201	47.87	ng		97
62) 4-Nitroaniline	16.163	138	254005	49.37	ng	#	59
63) Azobenzene	16.434	77	1165363	48.39	ng		85
65) 4,6-Dinitro-2-methylph...	16.228	198	180865	54.64	ng		91
66) n-Nitrosodiphenylamine	16.351	169	1057011	47.21	ng		99
67) 4-Bromophenyl-phenylether	17.034	248	454753	46.21	ng		98
68) Hexachlorobenzene	17.198	284	511961	45.55	ng		96
69) Atrazine	17.275	200	367215	42.08	ng		97
70) Pentachlorophenol	17.522	266	638485	124.88	ng		100
71) Phenanthrene	17.898	178	1971034	47.32	ng		99
72) Anthracene	17.981	178	2009192	49.46	ng		99
73) Carbazole	18.228	167	1791885	48.84	ng		100
74) Di-n-butylphthalate	18.728	149	2113955	47.30	ng	#	97
75) Fluoranthene	19.804	202	2533471	49.14	ng		98
77) Benzidine	19.939	184	678478	35.95	ng		100
78) Pyrene	20.151	202	2535356	47.39	ng		99
80) Butylbenzylphthalate	20.951	149	970955	51.96	ng	#	79
81) Benzo(a)anthracene	21.845	228	2609621	48.21	ng		98
82) 3,3'-Dichlorobenzidine	21.745	252	595646	31.13	ng	#	99
83) Chrysene	21.904	228	2455089	47.94	ng		99
84) Bis(2-ethylhexyl)phtha...	21.704	149	1401374	49.42	ng	#	98
85) Di-n-octyl phthalate	22.663	149	2433249	53.14	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.127	276	2678887	45.49	ng	#	91
88) Benzo(b)fluoranthene	23.645	252	2666166	49.44	ng	#	97
89) Benzo(k)fluoranthene	23.698	252	2588206	51.12	ng	#	96
90) Benzo(a)pyrene	24.321	252	2289031	47.13	ng	#	96
91) Dibenzo(a,h)anthracene	27.127	278	2293939	46.70	ng	#	93
92) Benzo(g,h,i)perylene	27.962	276	2121707	45.76	ng	#	91

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

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