Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004823.D
Acq On : 19 Feb 2021 15:41
Operator : CG/JU
Sample : M1422-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-03-021621MSD

Manual Integrations APPROVED
mohammad
2/22/2021 2:12:03 PM

Quant Time: Feb 19 16:20:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 12:04:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	52618	20.00	ng	#	0.00
21) Naphthalene-d8	10.557	136	203306	20.00	ng	#	0.00
39) Acenaphthene-d10	14.410	164	125430	20.00	ng		0.00
64) Phenanthrene-d10	17.163	188	279831	20.00	ng	#	0.00
76) Chrysene-d12	21.251	240	301293	20.00	ng		0.00
86) Perylene-d12	23.556	264	301458	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	395026	115.91	ng		0.00
7) Phenol-d6	6.945	99	504469	107.64	ng		0.00
23) Nitrobenzene-d5	8.922	82	319530	68.48	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	201857	121.13	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	694559	67.68	ng		0.00
79) Terphenyl-d14	19.727	244	1058232	59.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	43329	29.71	ng	#	93
3) Pyridine	3.675	79	119821	32.45	ng		96
4) n-Nitrosodimethylamine	3.587	42	61460	40.00	ng	#	60
6) Aniline	7.092	93	87018	16.65	ng	#	88
8) 2-Chlorophenol	7.334	128	151244	42.48	ng		89
9) Benzaldehyde	6.904	77	53659	27.26	ng		87
10) Phenol	6.975	94	205872	45.38	ng		83
11) bis(2-Chloroethyl)ether	7.192	93	133015	38.34	ng		91
12) 1,3-Dichlorobenzene	7.651	146	168689	38.93	ng	#	92
13) 1,4-Dichlorobenzene	7.798	146	172904	39.28	ng	#	95
14) 1,2-Dichlorobenzene	8.110	146	163105	38.64	ng		96
15) Benzyl Alcohol	8.004	79	141765	40.29	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.298	45	111204	39.63	ng		96
17) 2-Methylphenol	8.216	107	128560	41.94	ng	#	90
18) Hexachloroethane	8.839	117	63334	38.40	ng		97
19) n-Nitroso-di-n-propyla...	8.569	70	109389	38.63	ng	#	89
20) 3+4-Methylphenols	8.545	107	169224	41.59	ng		91
22) Acetophenone	8.586	105	228033	38.59	ng	#	93
24) Nitrobenzene	8.963	77	168469	36.52	ng	#	82
25) Isophorone	9.486	82	293444	39.35	ng	#	91
26) 2-Nitrophenol	9.669	139	82877	45.36	ng	#	69
27) 2,4-Dimethylphenol	9.739	122	131508	46.27	ng		88
28) bis(2-Chloroethoxy)met...	9.969	93	171640	35.73	ng		97
29) 2,4-Dichlorophenol	10.210	162	142868	41.62	ng		95
30) 1,2,4-Trichlorobenzene	10.422	180	159922	37.71	ng		99
31) Naphthalene	10.604	128	459212	38.70	ng		99
32) Benzoic acid	9.892	122	95662	40.93	ng	#	79
33) 4-Chloroaniline	10.722	127	36726	7.54	ng	#	89
34) Hexachlorobutadiene	10.886	225	102530	35.99	ng		99
35) Caprolactam	11.516	113	47108m	43.42	ng		
36) 4-Chloro-3-methylphenol	11.863	107	161898	39.71	ng		88
37) 2-Methylnaphthalene	12.222	142	325405	38.55	ng	#	96
38) 1-Methylnaphthalene	12.445	142	309948	38.79	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.592	216	181058	40.18	ng	#	97
41) Hexachlorocyclopentadiene	12.569	237	224118	87.44	ng		99
43) 2,4,6-Trichlorophenol	12.839	196	121265	42.71	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	132397	44.37	ng	#	93
46) 1,1'-Biphenyl	13.239	154	415630	39.58	ng		98
47) 2-Chloronaphthalene	13.280	162	326788	37.97	ng		95
48) 2-Nitroaniline	13.492	65	100563	39.58	ng	#	67
49) Acenaphthylene	14.133	152	512358	40.30	ng		98
50) Dimethylphthalate	13.874	163	473049	42.88	ng		98
51) 2,6-Dinitrotoluene	13.992	165	92796	41.74	ng	#	67
52) Acenaphthene	14.474	154	310386	38.50	ng		99
53) 3-Nitroaniline	14.322	138	51553	22.30	ng	#	77
54) 2,4-Dinitrophenol	14.527	184	121927	95.21	ng	#	80
55) Dibenzofuran	14.810	168	504325	39.78	ng		98
56) 4-Nitrophenol	14.651	139	166392	91.72	ng	#	54
57) 2,4-Dinitrotoluene	14.780	165	132351	43.45	ng	#	71
58) Fluorene	15.463	166	416721	40.01	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.045	232	122164m	43.03	ng		
60) Diethylphthalate	15.239	149	425745	38.50	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	220212	38.08	ng		99
62) 4-Nitroaniline	15.492	138	97665	38.67	ng	#	60
63) Azobenzene	15.751	77	393370	37.87	ng		87
65) 4,6-Dinitro-2-methylph...	15.545	198	85288	49.88	ng		87
66) n-Nitrosodiphenylamine	15.674	169	361675	39.75	ng		98
67) 4-Bromophenyl-phenylether	16.357	248	137653	38.21	ng		94
68) Hexachlorobenzene	16.468	284	152673	38.89	ng		96
69) Atrazine	16.633	200	118337	39.64	ng		97
70) Pentachlorophenol	16.815	266	205941	93.75	ng		99
71) Phenanthrene	17.210	178	672553	39.25	ng		100
72) Anthracene	17.298	178	682089	41.40	ng		99
73) Carbazole	17.574	167	627300	41.50	ng		98
74) Di-n-butylphthalate	18.127	149	752524	40.57	ng	#	97
75) Fluoranthene	19.180	202	846156	41.45	ng		99
77) Benzidine	19.362	184	267360	45.94	ng		98
78) Pyrene	19.533	202	857701	40.37	ng		99
80) Butylbenzylphthalate	20.404	149	355240	42.54	ng	#	81
81) Benzo(a)anthracene	21.239	228	848451	39.71	ng		98
82) 3,3'-Dichlorobenzidine	21.174	252	212947	31.44	ng		99
83) Chrysene	21.286	228	822347	39.74	ng		98
84) Bis(2-ethylhexyl)phtha...	21.162	149	530194	42.06	ng		99
85) Di-n-octyl phthalate	22.056	149	909447	44.49	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.933	276	994932	41.34	ng		96
88) Benzo(b)fluoranthene	22.856	252	878477	39.79	ng		98
89) Benzo(k)fluoranthene	22.909	252	853929	40.29	ng		98
90) Benzo(a)pyrene	23.456	252	786037	39.39	ng		97
91) Dibenzo(a,h)anthracene	25.944	278	839381	41.80	ng		97
92) Benzo(g,h,i)perylene	26.662	276	813578	42.23	ng	#	95

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

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