Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022621\
Data File : BP004866.D
Acq On : 26 Feb 2021 17:43
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP022621

Manual Integrations APPROVED
mohammad
3/1/2021 12:37:18 PM

Quant Time: Feb 26 18:14:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 17:41:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.752	152	38631	20.00	ng		0.00
21) Naphthalene-d8	10.546	136	150418	20.00	ng		# 0.00
39) Acenaphthene-d10	14.404	164	97506	20.00	ng		0.00
64) Phenanthrene-d10	17.163	188	211060	20.00	ng		# 0.01
76) Chrysene-d12	21.251	240	218386	20.00	ng		0.00
86) Perylene-d12	23.557	264	211702	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	193667	79.44	ng		0.00
7) Phenol-d6	6.934	99	268297	80.90	ng		0.00
23) Nitrobenzene-d5	8.916	82	256968	79.73	ng		0.01
42) 2,4,6-Tribromophenol	15.904	330	101163	79.97	ng		0.00
45) 2-Fluorobiphenyl	13.022	172	579949	80.04	ng		0.00
79) Terphenyl-d14	19.733	244	970936	81.29	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	38992	39.17	ng		98
3) Pyridine	3.669	79	104880	41.42	ng		91
4) n-Nitrosodimethylamine	3.575	42	40382	39.33	ng	#	68
6) Aniline	7.087	93	151509	40.66	ng	#	89
8) 2-Chlorophenol	7.322	128	106787	39.77	ng		88
9) Benzaldehyde	6.899	77	71402	42.79	ng	#	80
10) Phenol	6.957	94	133567	39.84	ng		73
11) bis(2-Chloroethyl)ether	7.181	93	99664	40.69	ng		94
12) 1,3-Dichlorobenzene	7.640	146	116982	38.92	ng	#	90
13) 1,4-Dichlorobenzene	7.787	146	121589	39.85	ng	#	95
14) 1,2-Dichlorobenzene	8.104	146	116574	39.60	ng		94
15) Benzyl Alcohol	7.999	79	107373	40.56	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.281	45	65346	39.70	ng		85
17) 2-Methylphenol	8.204	107	92374	40.79	ng	#	91
18) Hexachloroethane	8.828	117	45552	39.40	ng		97
19) n-Nitroso-di-n-propyla...	8.563	70	87845	40.92	ng	#	93
20) 3+4-Methylphenols	8.534	107	125146	40.15	ng		93
22) Acetophenone	8.575	105	163810	40.34	ng	#	95
24) Nitrobenzene	8.957	77	135215	40.30	ng	#	80
25) Isophorone	9.481	82	240462	41.29	ng	#	90
26) 2-Nitrophenol	9.663	139	60271	41.45	ng	#	69
27) 2,4-Dimethylphenol	9.734	122	91587	40.41	ng		87
28) bis(2-Chloroethoxy)met...	9.963	93	121299	40.60	ng		98
29) 2,4-Dichlorophenol	10.198	162	105148	40.80	ng		94
30) 1,2,4-Trichlorobenzene	10.410	180	113963	39.62	ng		97
31) Naphthalene	10.598	128	341926	39.91	ng		98
32) Benzoic acid	9.875	122	72403	43.22	ng	#	77
33) 4-Chloroaniline	10.710	127	139173	40.51	ng	#	88
34) Hexachlorobutadiene	10.881	225	74560	39.11	ng		98
35) Caprolactam	11.510	113	34175	41.98	ng		93
36) 4-Chloro-3-methylphenol	11.851	107	122474	40.10	ng		87
37) 2-Methylnaphthalene	12.216	142	247452	39.74	ng	#	95
38) 1-Methylnaphthalene	12.440	142	233969m	39.78	ng		
40) 1,2,4,5-Tetrachloroben...	12.587	216	126419	40.68	ng	#	97
41) Hexachlorocyclopentadiene	12.563	237	74447	41.09	ng		97
43) 2,4,6-Trichlorophenol	12.834	196	90394	41.33	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	97326	41.24	ng	#	93
46) 1,1'-Biphenyl	13.234	154	302917	40.12	ng		98
47) 2-Chloronaphthalene	13.275	162	243010	39.75	ng		95
48) 2-Nitroaniline	13.487	65	76943	41.49	ng	#	60
49) Acenaphthylene	14.128	152	390671	40.28	ng		99
50) Dimethylphthalate	13.869	163	311962	40.50	ng		99
51) 2,6-Dinitrotoluene	13.986	165	73247	41.10	ng	#	59
52) Acenaphthene	14.469	154	239380	40.43	ng		98
53) 3-Nitroaniline	14.322	138	71225	40.99	ng	#	69
54) 2,4-Dinitrophenol	14.522	184	46170	42.46	ng	#	72
55) Dibenzofuran	14.810	168	387515	39.77	ng		96
56) 4-Nitrophenol	14.639	139	63041	44.00	ng	#	56
57) 2,4-Dinitrotoluene	14.775	165	100073	41.09	ng	#	61
58) Fluorene	15.463	166	322096	40.57	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	86931	39.97	ng	#	95
60) Diethylphthalate	15.239	149	319226	40.09	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	165584	40.37	ng		97
62) 4-Nitroaniline	15.486	138	76625	41.68	ng	#	56
63) Azobenzene	15.751	77	327142	40.31	ng		87
65) 4,6-Dinitro-2-methylph...	15.545	198	65566	42.91	ng		94
66) n-Nitrosodiphenylamine	15.675	169	277689	40.46	ng		99
67) 4-Bromophenyl-phenylether	16.357	248	98191	40.06	ng		97
68) Hexachlorobenzene	16.463	284	107434	40.01	ng	#	90
69) Atrazine	16.633	200	99526	41.52	ng		99
70) Pentachlorophenol	16.816	266	73131	42.48	ng		99
71) Phenanthrene	17.210	178	494163	39.87	ng		98
72) Anthracene	17.298	178	495180	40.62	ng		99
73) Carbazole	17.575	167	474128	40.54	ng		99
74) Di-n-butylphthalate	18.127	149	555207	41.80	ng	#	98
75) Fluoranthene	19.180	202	592530	39.92	ng		100
77) Benzidine	19.363	184	250860	43.89	ng		98
78) Pyrene	19.533	202	610762	40.81	ng		99
80) Butylbenzylphthalate	20.410	149	254316	42.52	ng	#	81
81) Benzo(a)anthracene	21.239	228	602209	40.12	ng		98
82) 3,3'-Dichlorobenzidine	21.174	252	213743	40.60	ng		99
83) Chrysene	21.292	228	588128	40.06	ng		98
84) Bis(2-ethylhexyl)phtha...	21.163	149	379771	43.00	ng		99
85) Di-n-octyl phthalate	22.057	149	629652	41.99	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.927	276	644959	40.44	ng		98
88) Benzo(b)fluoranthene	22.857	252	608848	40.17	ng		100
89) Benzo(k)fluoranthene	22.904	252	584373	40.48	ng		99
90) Benzo(a)pyrene	23.457	252	550878	40.40	ng		98
91) Dibenzo(a,h)anthracene	25.939	278	565788	40.78	ng		98
92) Benzo(g,h,i)perylene	26.656	276	544159	40.61	ng		95

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

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