Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004502.D
Acq On : 12 Jan 2021 12:56
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
1/13/2021 3:14:43 PM

Quant Time: Jan 12 14:35:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 12:59:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	200841	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	763514	20.00	ng		# 0.00
39) Acenaphthene-d10	14.469	164	499187	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	1107979	20.00	ng		0.00
76) Chrysene-d12	21.321	240	1144368	20.00	ng		0.00
86) Perylene-d12	23.680	264	1304120	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1165511	95.09	ng		0.00
7) Phenol-d6	6.987	99	1596489	92.52	ng		0.00
23) Nitrobenzene-d5	8.975	82	1393087	86.74	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	910284	136.67	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	3891502	98.80	ng		0.00
79) Terphenyl-d14	19.792	244	6211562	104.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	230916	39.74	ng		92
3) Pyridine	3.722	79	637596m	40.46	ng		
4) n-Nitrosodimethylamine	3.640	42	203270	39.95	ng		87
6) Aniline	7.146	93	902521	45.37	ng		96
8) 2-Chlorophenol	7.381	128	662838	50.66	ng		93
9) Benzaldehyde	6.957	77	351082	32.64	ng		91
10) Phenol	7.016	94	767330	45.00	ng		97
11) bis(2-Chloroethyl)ether	7.240	93	611249	43.10	ng		94
12) 1,3-Dichlorobenzene	7.705	146	815465	48.37	ng		98
13) 1,4-Dichlorobenzene	7.852	146	823588	48.52	ng		98
14) 1,2-Dichlorobenzene	8.169	146	783287	48.71	ng		99
15) Benzyl Alcohol	8.052	79	527565	49.18	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	632132	34.95	ng		95
17) 2-Methylphenol	8.263	107	537933	49.46	ng		99
18) Hexachloroethane	8.893	117	285357	46.44	ng		94
19) n-Nitroso-di-n-propyla...	8.622	70	444457	43.55	ng		94
20) 3+4-Methylphenols	8.587	107	739518	51.18	ng		99
22) Acetophenone	8.634	105	958722	46.53	ng	#	95
24) Nitrobenzene	9.016	77	680659	43.02	ng		92
25) Isophorone	9.540	82	1243771	47.11	ng		95
26) 2-Nitrophenol	9.728	139	391613	68.43	ng		94
27) 2,4-Dimethylphenol	9.793	122	520998	52.30	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	849305	45.21	ng		98
29) 2,4-Dichlorophenol	10.263	162	699787	59.78	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	832966	53.21	ng		98
31) Naphthalene	10.663	128	2130222	49.09	ng		100
32) Benzoic acid	9.951	122	457770	78.76	ng		91
33) 4-Chloroaniline	10.775	127	928098	52.97	ng		98
34) Hexachlorobutadiene	10.945	225	560199	57.10	ng		98
35) Caprolactam	11.557	113	220234	57.26	ng	#	78
36) 4-Chloro-3-methylphenol	11.910	107	658556	56.07	ng		99
37) 2-Methylnaphthalene	12.275	142	1571521	51.83	ng		99
38) 1-Methylnaphthalene	12.498	142	1492732	51.88	ng		100
40) 1,2,4,5-Tetrachloroben...	12.651	216	930941	51.56	ng		98
41) Hexachlorocyclopentadiene	12.628	237	405608	44.80	ng		99
43) 2,4,6-Trichlorophenol	12.892	196	619011	61.65	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	643141	59.24	ng		97
46) 1,1'-Biphenyl	13.292	154	2039266	48.35	ng		99
47) 2-Chloronaphthalene	13.339	162	1694171	48.95	ng		98
48) 2-Nitroaniline	13.545	65	403024	45.35	ng		87
49) Acenaphthylene	14.187	152	2536676	49.82	ng		99
50) Dimethylphthalate	13.922	163	2101953	51.17	ng		99
51) 2,6-Dinitrotoluene	14.045	165	463268	53.66	ng		96
52) Acenaphthene	14.534	154	1538031	48.41	ng		99
53) 3-Nitroaniline	14.375	138	506009	53.50	ng		92
54) 2,4-Dinitrophenol	14.592	184	252454	72.47	ng		94
55) Dibenzofuran	14.869	168	2474673	49.23	ng		98
56) 4-Nitrophenol	14.692	139	366128	51.72	ng		90
57) 2,4-Dinitrotoluene	14.839	165	646105	56.86	ng		93
58) Fluorene	15.522	166	1970186	49.93	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	595539	59.58	ng		91
60) Diethylphthalate	15.292	149	2059740	52.28	ng		97
61) 4-Chlorophenyl-phenyle...	15.516	204	1120451	52.17	ng		91
62) 4-Nitroaniline	15.545	138	533733	54.08	ng		95
63) Azobenzene	15.810	77	1556293	41.47	ng		97
65) 4,6-Dinitro-2-methylph...	15.616	198	353006	69.97	ng		94
66) n-Nitrosodiphenylamine	15.733	169	1748714	50.08	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	768679	55.66	ng		96
68) Hexachlorobenzene	16.533	284	910891	55.29	ng		96
69) Atrazine	16.686	200	603997	53.46	ng		97
70) Pentachlorophenol	16.880	266	437271	56.00	ng		96
71) Phenanthrene	17.269	178	3231334	48.50	ng		100
72) Anthracene	17.363	178	3129268	49.73	ng		100
73) Carbazole	17.633	167	2893806	49.65	ng		99
74) Di-n-butylphthalate	18.186	149	3492505	55.25	ng		99
75) Fluoranthene	19.245	202	3888445	50.81	ng		99
77) Benzidine	19.422	184	1379581	69.67	ng		100
78) Pyrene	19.598	202	3968325	50.88	ng		99
80) Butylbenzylphthalate	20.469	149	1602566	64.12	ng	#	95
81) Benzo(a)anthracene	21.310	228	3954413	50.32	ng		100
82) 3,3'-Dichlorobenzidine	21.239	252	1427973	64.16	ng		98
83) Chrysene	21.363	228	3773986	49.85	ng		99
84) Bis(2-ethylhexyl)phtha...	21.227	149	2268060	58.95	ng	#	97
85) Di-n-octyl phthalate	22.133	149	3901939	65.33	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.115	276	5104314	51.20	ng		95
88) Benzo(b)fluoranthene	22.963	252	4218659	49.09	ng		98
89) Benzo(k)fluoranthene	23.015	252	4108547m	48.15	ng		
90) Benzo(a)pyrene	23.574	252	3982604	50.84	ng		97
91) Dibenzo(a,h)anthracene	26.121	278	4203535	51.29	ng	#	97
92) Benzo(g,h,i)perylene	26.856	276	4176540	52.19	ng	#	95

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

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