Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041521\
Data File : BP005304.D
Acq On : 15 Apr 2021 18:26
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
4/16/2021 11:32:27 AM

Quant Time: Apr 16 00:59:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 00:51:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	37523	20.00	ng		0.00
21) Naphthalene-d8	10.457	136	108744	20.00	ng		0.00
39) Acenaphthene-d10	14.328	164	73439	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	160594	20.00	ng		0.00
76) Chrysene-d12	21.198	240	198263	20.00	ng		0.00
86) Perylene-d12	23.463	264	185571	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	304732	85.23	ng		0.00
7) Phenol-d6	6.858	99	370260	90.76	ng		0.00
23) Nitrobenzene-d5	8.828	82	337604	97.90	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	102272	110.32	ng		0.00
45) 2-Fluorobiphenyl	12.940	172	554133	101.87	ng		0.00
79) Terphenyl-d14	19.675	244	1052861	104.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	70682	33.48	ng		100
3) Pyridine	3.605	79	177013m	37.40	ng		
4) n-Nitrosodimethylamine	3.517	42	49504	35.43	ng	#	83
6) Aniline	7.005	93	184143	41.94	ng		98
8) 2-Chlorophenol	7.234	128	126136	49.16	ng		98
9) Benzaldehyde	6.816	77	90084	33.53	ng		99
10) Phenol	6.881	94	184284	44.11	ng		97
11) bis(2-Chloroethyl)ether	7.099	93	135170	45.14	ng		96
12) 1,3-Dichlorobenzene	7.552	146	143390	51.35	ng		98
13) 1,4-Dichlorobenzene	7.699	146	142663	51.75	ng		99
14) 1,2-Dichlorobenzene	8.016	146	135526	51.72	ng		98
15) Benzyl Alcohol	7.916	79	99949	35.37	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.193	45	84444	48.44	ng		99
17) 2-Methylphenol	8.122	107	95970	41.87	ng		98
18) Hexachloroethane	8.734	117	57004	47.67	ng		93
19) n-Nitroso-di-n-propyla...	8.481	70	101234	40.34	ng		97
20) 3+4-Methylphenols	8.452	107	123847	41.25	ng		97
22) Acetophenone	8.493	105	206550	53.91	ng	#	99
24) Nitrobenzene	8.869	77	169871	47.65	ng		98
25) Isophorone	9.393	82	244449	42.50	ng		99
26) 2-Nitrophenol	9.575	139	45796	46.26	ng		95
27) 2,4-Dimethylphenol	9.646	122	78984	49.27	ng		98
28) bis(2-Chloroethoxy)met...	9.875	93	123981	45.46	ng		99
29) 2,4-Dichlorophenol	10.116	162	89966	50.49	ng		98
30) 1,2,4-Trichlorobenzene	10.322	180	109525	53.61	ng		97
31) Naphthalene	10.505	128	312887	52.55	ng		99
32) Benzoic acid	9.828	122	44319	42.14	ng		89
33) 4-Chloroaniline	10.628	127	111001	50.03	ng		99
34) Hexachlorobutadiene	10.781	225	80210	56.67	ng		94
35) Caprolactam	11.440	113	25536	43.18	ng		86
36) 4-Chloro-3-methylphenol	11.769	107	111652	48.45	ng		97
37) 2-Methylnaphthalene	12.128	142	210630	52.17	ng		98
38) 1-Methylnaphthalene	12.351	142	203141	53.17	ng		95
40) 1,2,4,5-Tetrachloroben...	12.504	216	128922	52.10	ng		99
41) Hexachlorocyclopentadiene	12.475	237	43113	37.81	ng		96
43) 2,4,6-Trichlorophenol	12.757	196	73862	47.51	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.834	196	82339	48.54	ng	99
46) 1,1'-Biphenyl	13.151	154	272094	48.88	ng	99
47) 2-Chloronaphthalene	13.198	162	222038	50.47	ng	97
48) 2-Nitroaniline	13.416	65	70951	41.68	ng	94
49) Acenaphthylene	14.051	152	336629	49.47	ng	100
50) Dimethylphthalate	13.798	163	258449	47.94	ng	98
51) 2,6-Dinitrotoluene	13.916	165	62725	52.32	ng	99
52) Acenaphthene	14.393	154	211441	50.87	ng	99
53) 3-Nitroaniline	14.251	138	52978	48.44	ng	99
54) 2,4-Dinitrophenol	14.469	184	30173	46.00	ng	97
55) Dibenzofuran	14.734	168	366602	52.95	ng	98
56) 4-Nitrophenol	14.581	139	42302	46.06	ng	95
57) 2,4-Dinitrotoluene	14.716	165	90333	54.20	ng	98
58) Fluorene	15.387	166	297168	52.96	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	77404m	51.24	ng	
60) Diethylphthalate	15.169	149	263965	47.87	ng	99
61) 4-Chlorophenyl-phenyle...	15.381	204	161308	54.79	ng	99
62) 4-Nitroaniline	15.428	138	55481	49.46	ng	97
63) Azobenzene	15.681	77	385079	45.25	ng	99
65) 4,6-Dinitro-2-methylph...	15.487	198	51051	47.34	ng	94
66) n-Nitrosodiphenylamine	15.604	169	250742	51.68	ng	97
67) 4-Bromophenyl-phenylether	16.281	248	97302	53.03	ng	98
68) Hexachlorobenzene	16.398	284	110168	56.17	ng	98
69) Atrazine	16.569	200	80266	47.28	ng	94
70) Pentachlorophenol	16.751	266	55932	47.26	ng	97
71) Phenanthrene	17.139	178	474422	52.26	ng	100
72) Anthracene	17.228	178	463198	52.66	ng	99
73) Carbazole	17.510	167	428046	50.97	ng	98
74) Di-n-butylphthalate	18.063	149	415906	44.32	ng	98
75) Fluoranthene	19.122	202	576854	51.80	ng	99
77) Benzidine	19.310	184	127318	35.09	ng	100
78) Pyrene	19.475	202	603562	48.98	ng	100
80) Butylbenzylphthalate	20.351	149	143879	31.25	ng	99
81) Benzo(a)anthracene	21.186	228	633135	48.40	ng	99
82) 3,3'-Dichlorobenzidine	21.122	252	171358	44.77	ng	99
83) Chrysene	21.233	228	623346	48.99	ng	99
84) Bis(2-ethylhexyl)phtha...	21.110	149	254574	35.19	ng	98
85) Di-n-octyl phthalate	21.986	149	451740	34.76	ng	98
87) Indeno(1,2,3-cd)pyrene	25.804	276	677057	47.73	ng	100
88) Benzo(b)fluoranthene	22.780	252	632327	52.06	ng	99
89) Benzo(k)fluoranthene	22.827	252	605089	51.97	ng	100
90) Benzo(a)pyrene	23.369	252	571921	50.87	ng	100
91) Dibenzo(a,h)anthracene	25.810	278	586209	47.40	ng	97
92) Benzo(g,h,i)perylene	26.515	276	551035	46.07	ng	97

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

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