Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042121\
Data File : BP005357.D
Acq On : 21 Apr 2021 13:32
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
4/22/2021 12:11:00 PM

Quant Time: Apr 21 15:47:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 15:45:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	46513	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	159492	20.00	ng		0.00
39) Acenaphthene-d10	14.304	164	114134	20.00	ng		0.00
64) Phenanthrene-d10	17.069	188	276301	20.00	ng		0.00
76) Chrysene-d12	21.175	240	372678	20.00	ng		0.00
86) Perylene-d12	23.433	264	395186	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	54962	18.80	ng		0.00
7) Phenol-d6	6.834	99	74127	21.96	ng		0.00
23) Nitrobenzene-d5	8.805	82	66063	11.06	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	39393	14.83	ng		0.00
45) 2-Fluorobiphenyl	12.916	172	176732	20.48	ng		0.00
79) Terphenyl-d14	19.645	244	381285	19.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	14727	8.12	ng	#	87
3) Pyridine	3.605	79	30082	7.87	ng	#	85
4) n-Nitrosodimethylamine	3.505	42	14690	11.37	ng	#	23
6) Aniline	6.981	93	40982	14.15	ng	#	81
8) 2-Chlorophenol	7.216	128	28206	10.02	ng		85
9) Benzaldehyde	6.799	77	24226	15.59	ng	#	82
10) Phenol	6.858	94	37460	11.19	ng	#	71
11) bis(2-Chloroethyl)ether	7.081	93	26984	11.22	ng		95
12) 1,3-Dichlorobenzene	7.534	146	34579	9.28	ng	#	87
13) 1,4-Dichlorobenzene	7.681	146	35488	9.88	ng		97
14) 1,2-Dichlorobenzene	7.993	146	33934	10.07	ng		92
15) Benzyl Alcohol	7.899	79	25306	17.64	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.181	45	23114	16.24	ng		96
17) 2-Methylphenol	8.099	107	22732	13.86	ng	#	84
18) Hexachloroethane	8.710	117	13510	10.66	ng		89
19) n-Nitroso-di-n-propyla...	8.458	70	21259	15.55	ng		92
20) 3+4-Methylphenols	8.434	107	30408	15.91	ng		93
22) Acetophenone	8.475	105	44407	5.62	ng	#	90
24) Nitrobenzene	8.846	77	36037	6.28	ng	#	88
25) Isophorone	9.375	82	57429	10.08	ng	#	93
26) 2-Nitrophenol	9.563	139	11298	6.86	ng		95
27) 2,4-Dimethylphenol	9.628	122	20233	8.75	ng	#	82
28) bis(2-Chloroethoxy)met...	9.857	93	28951	9.82	ng		97
29) 2,4-Dichlorophenol	10.105	162	26754	9.31	ng		90
30) 1,2,4-Trichlorobenzene	10.299	180	37660	9.39	ng		98
31) Naphthalene	10.481	128	84525	9.01	ng		99
32) Benzoic acid	9.740	122	9004	5.83	ng		83
33) 4-Chloroaniline	10.616	127	31370	10.57	ng		95
34) Hexachlorobutadiene	10.757	225	33087	8.90	ng		96
35) Caprolactam	11.404	113	5976	9.58	ng		99
36) 4-Chloro-3-methylphenol	11.752	107	28148	11.89	ng		89
37) 2-Methylnaphthalene	12.104	142	60628	10.58	ng		96
38) 1-Methylnaphthalene	12.328	142	57275m	10.38	ng		
40) 1,2,4,5-Tetrachloroben...	12.481	216	50171	11.19	ng		98
41) Hexachlorocyclopentadiene	12.451	237	9011	6.75	ng		91
43) 2,4,6-Trichlorophenol	12.734	196	24581	10.48	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	27651	10.64	ng		91
46) 1,1'-Biphenyl	13.134	154	81882	10.44	ng		98
47) 2-Chloronaphthalene	13.175	162	67531	10.22	ng		96
48) 2-Nitroaniline	13.398	65	13065	8.90	ng	#	86
49) Acenaphthylene	14.028	152	94912	9.63	ng		99
50) Dimethylphthalate	13.769	163	80380	10.79	ng		99
51) 2,6-Dinitrotoluene	13.893	165	16862	8.82	ng	#	71
52) Acenaphthene	14.369	154	61397	9.52	ng		95
53) 3-Nitroaniline	14.234	138	12915	8.75	ng		92
54) 2,4-Dinitrophenol	14.457	184	6026	5.58	ng	#	85
55) Dibenzofuran	14.710	168	110047	8.97	ng		98
56) 4-Nitrophenol	14.575	139	8322	7.71	ng	#	84
57) 2,4-Dinitrotoluene	14.693	165	21843	7.55	ng	#	84
58) Fluorene	15.363	166	84436	8.35	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.945	232	28585m	9.24	ng		
60) Diethylphthalate	15.140	149	73050	9.54	ng		99
61) 4-Chlorophenyl-phenyle...	15.363	204	54260	8.96	ng		93
62) 4-Nitroaniline	15.404	138	10369	6.66	ng	#	76
63) Azobenzene	15.651	77	83214	8.05	ng		99
65) 4,6-Dinitro-2-methylph...	15.463	198	13798	7.37	ng		94
66) n-Nitrosodiphenylamine	15.581	169	73712	9.96	ng	#	92
67) 4-Bromophenyl-phenylether	16.257	248	36217	9.60	ng		97
68) Hexachlorobenzene	16.369	284	44565	8.97	ng		96
69) Atrazine	16.545	200	28712	9.86	ng		96
70) Pentachlorophenol	16.728	266	19224	7.87	ng		88
71) Phenanthrene	17.110	178	146881	8.93	ng		100
72) Anthracene	17.204	178	139368	8.98	ng		97
73) Carbazole	17.486	167	125836	9.00	ng		99
74) Di-n-butylphthalate	18.039	149	102392	8.57	ng	#	95
75) Fluoranthene	19.098	202	194549	9.20	ng		99
77) Benzidine	19.292	184	57417	12.18	ng		99
78) Pyrene	19.451	202	204269	10.82	ng		98
80) Butylbenzylphthalate	20.328	149	42358	10.15	ng		98
81) Benzo(a)anthracene	21.157	228	237176	10.46	ng		99
82) 3,3'-Dichlorobenzidine	21.098	252	68302	11.40	ng		100
83) Chrysene	21.210	228	237446	10.45	ng		99
84) Bis(2-ethylhexyl)phtha...	21.086	149	61615	9.59	ng		98
85) Di-n-octyl phthalate	21.963	149	114717	9.59	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.739	276	291751	9.06	ng		99
88) Benzo(b)fluoranthene	22.745	252	248744	9.23	ng		99
89) Benzo(k)fluoranthene	22.792	252	246745	9.63	ng		98
90) Benzo(a)pyrene	23.333	252	229879	9.53	ng		99
91) Dibenzo(a,h)anthracene	25.751	278	250506	8.92	ng		99
92) Benzo(g,h,i)perylene	26.445	276	240813	9.17	ng		98

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

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