Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006183.D
Acq On : 12 Jul 2021 14:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/13/2021 1:42:09 PM

Quant Time: Jul 12 15:00:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	210589	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	799010	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	423968	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	756519	20.000	ng	#	0.00
76) Chrysene-d12	21.327	240	748641	20.000	ng	#	0.00
86) Perylene-d12	23.715	264	903775	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	972411	79.452	ng		0.00
7) Phenol-d6	7.045	99	1265244	78.155	ng		0.00
23) Nitrobenzene-d5	9.034	82	1011258	79.944	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	432630	85.710	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2486158	86.690	ng		0.00
79) Terphenyl-d14	19.804	244	3122412	82.232	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	182229	37.948	ng		93
3) Pyridine	3.728	79	490506	40.200	ng		90
4) n-Nitrosodimethylamine	3.634	42	179257	37.351	ng	#	83
6) Aniline	7.192	93	657418	38.489	ng		98
8) 2-Chlorophenol	7.434	128	567785	39.611	ng		96
9) Benzaldehyde	7.004	77	331851	37.559	ng		92
10) Phenol	7.075	94	611523	39.331	ng		91
11) bis(2-Chloroethyl)ether	7.292	93	460608	39.205	ng		99
12) 1,3-Dichlorobenzene	7.745	146	612383	39.871	ng	#	95
13) 1,4-Dichlorobenzene	7.898	146	622920	39.712	ng		98
14) 1,2-Dichlorobenzene	8.210	146	591845	39.633	ng		98
15) Benzyl Alcohol	8.116	79	378059m	38.628	ng		
16) 2,2'-oxybis(1-Chloropr...	8.398	45	515832	36.968	ng		90
17) 2-Methylphenol	8.322	107	417515	39.474	ng		94
18) Hexachloroethane	8.934	117	206984	39.637	ng		96
19) n-Nitroso-di-n-propyla...	8.675	70	336603	38.139	ng		97
20) 3+4-Methylphenols	8.657	107	569242	39.836	ng		93
22) Acetophenone	8.692	105	728465	40.056	ng		98
24) Nitrobenzene	9.075	77	510080	39.871	ng		89
25) Isophorone	9.604	82	940210	39.154	ng		95
26) 2-Nitrophenol	9.786	139	304762	42.852	ng	#	84
27) 2,4-Dimethylphenol	9.851	122	431327	41.085	ng		95
28) bis(2-Chloroethoxy)met...	10.081	93	530511	39.865	ng		100
29) 2,4-Dichlorophenol	10.334	162	489487	42.434	ng		100
30) 1,2,4-Trichlorobenzene	10.528	180	510402	41.559	ng		98
31) Naphthalene	10.716	128	1657237	39.787	ng		99
32) Benzoic acid	10.063	122	320155	41.284	ng		89
33) 4-Chloroaniline	10.839	127	657510	40.893	ng		97
34) Hexachlorobutadiene	10.992	225	288887	42.721	ng		97
35) Caprolactam	11.657	113	146884	40.394	ng		95
36) 4-Chloro-3-methylphenol	11.980	107	494525	39.701	ng		96
37) 2-Methylnaphthalene	12.328	142	1148351	39.736	ng		96
38) 1-Methylnaphthalene	12.545	142	1077998	39.414	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.698	216	475605	45.223	ng		98
41) Hexachlorocyclopentadiene	12.669	237	60773	38.189	ng		97
43) 2,4,6-Trichlorophenol	12.945	196	347783	45.709	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	372728	45.659	ng	#	97
46) 1,1'-Biphenyl	13.333	154	1370066	43.044	ng		99
47) 2-Chloronaphthalene	13.380	162	1060083	43.293	ng		99
48) 2-Nitroaniline	13.598	65	259809	42.698	ng	#	82
49) Acenaphthylene	14.222	152	1625734	41.232	ng		100
50) Dimethylphthalate	13.963	163	1270220	41.664	ng		99
51) 2,6-Dinitrotoluene	14.092	165	292812	42.601	ng		89
52) Acenaphthene	14.563	154	945355	39.415	ng		98
53) 3-Nitroaniline	14.422	138	295724	42.467	ng		94
54) 2,4-Dinitrophenol	14.657	184	127811	40.348	ng		97
55) Dibenzofuran	14.898	168	1462229	39.163	ng		98
56) 4-Nitrophenol	14.769	139	183711	38.310	ng	#	82
57) 2,4-Dinitrotoluene	14.886	165	380078	41.058	ng		95
58) Fluorene	15.551	166	1156347	38.550	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	267585	41.892	ng	#	80
60) Diethylphthalate	15.321	149	1209226	38.676	ng		99
61) 4-Chlorophenyl-phenyle...	15.539	204	515719	39.219	ng		93
62) 4-Nitroaniline	15.592	138	267649	38.263	ng	#	81
63) Azobenzene	15.833	77	981588	37.606	ng		96
65) 4,6-Dinitro-2-methylph...	15.657	198	199432	41.078	ng		89
66) n-Nitrosodiphenylamine	15.757	169	991262	40.241	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	316217	42.401	ng		91
68) Hexachlorobenzene	16.557	284	377211	42.611	ng		95
69) Atrazine	16.716	200	321913	41.626	ng		95
70) Pentachlorophenol	16.916	266	187681	45.937	ng		96
71) Phenanthrene	17.292	178	1722360	40.313	ng		99
72) Anthracene	17.386	178	1698858	40.588	ng		100
73) Carbazole	17.663	167	1708247	41.186	ng		99
74) Di-n-butylphthalate	18.198	149	2092500	41.913	ng		99
75) Fluoranthene	19.257	202	1926738	41.146	ng		96
77) Benzidine	19.445	184	882929	39.773	ng		99
78) Pyrene	19.609	202	1982850	39.186	ng		99
80) Butylbenzylphthalate	20.474	149	1003091	39.965	ng		90
81) Benzo(a)anthracene	21.315	228	1916175	40.469	ng		99
82) 3,3'-Dichlorobenzidine	21.245	252	591480	42.583	ng	#	98
83) Chrysene	21.368	228	1869818	39.959	ng		99
84) Bis(2-ethylhexyl)phtha...	21.227	149	1499784	40.484	ng		99
85) Di-n-octyl phthalate	22.133	149	2706284	41.476	ng		100
87) Indeno(1,2,3-cd)pyrene	26.233	276	2743088	41.168	ng	#	91
88) Benzo(b)fluoranthene	22.986	252	2227339	40.628	ng	#	97
89) Benzo(k)fluoranthene	23.033	252	2116305	39.494	ng	#	96
90) Benzo(a)pyrene	23.609	252	2069440	40.226	ng	#	96
91) Dibenzo(a,h)anthracene	26.239	278	2382708	41.529	ng	#	94
92) Benzo(g,h,i)perylene	27.003	276	2308131	40.877	ng	#	91

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

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