Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
Data File : BP006196.D
Acq On : 13 Jul 2021 11:46
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/15/2021 11:30:16 AM

Quant Time: Jul 13 12:41:10 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	7.852	152	186185	20.000	ng		-0.01
21) Naphthalene-d8	10.657	136	703906	20.000	ng		0.00
39) Acenaphthene-d10	14.493	164	367263	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	688450	20.000	ng		# 0.00
76) Chrysene-d12	21.327	240	677210	20.000	ng		# 0.00
86) Perylene-d12	23.710	264	842595	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	863375	79.789	ng		-0.01
7) Phenol-d6	7.040	99	1127954	78.807	ng		0.00
23) Nitrobenzene-d5	9.022	82	908390	81.515	ng		-0.01
42) 2,4,6-Tribromophenol	15.992	330	385764	88.225	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	2236372	90.021	ng		0.00
79) Terphenyl-d14	19.798	244	2752569	80.138	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	163571	38.527	ng		92
3) Pyridine	3.717	79	437772	40.581	ng	#	89
4) n-Nitrosodimethylamine	3.622	42	166891	39.333	ng	#	87
6) Aniline	7.187	93	587705	38.917	ng		98
8) 2-Chlorophenol	7.422	128	502763	39.672	ng		96
9) Benzaldehyde	6.999	77	295072	37.774	ng		91
10) Phenol	7.069	94	544147	39.585	ng		92
11) bis(2-Chloroethyl)ether	7.281	93	408502	39.327	ng		99
12) 1,3-Dichlorobenzene	7.740	146	533021m	39.253	ng		
13) 1,4-Dichlorobenzene	7.887	146	544129	39.236	ng		99
14) 1,2-Dichlorobenzene	8.205	146	520784	39.445	ng		97
15) Benzyl Alcohol	8.110	79	342232m	39.551	ng		
16) 2,2'-oxybis(1-Chloropr...	8.387	45	456793	37.028	ng		90
17) 2-Methylphenol	8.316	107	373984	39.993	ng		94
18) Hexachloroethane	8.922	117	181697	39.355	ng		96
19) n-Nitroso-di-n-propyla...	8.669	70	302030	38.707	ng		96
20) 3+4-Methylphenols	8.652	107	510330	40.394	ng		92
22) Acetophenone	8.687	105	648137	40.455	ng	#	99
24) Nitrobenzene	9.069	77	458657	40.696	ng		90
25) Isophorone	9.599	82	848787	40.122	ng		96
26) 2-Nitrophenol	9.781	139	270494	43.172	ng	#	83
27) 2,4-Dimethylphenol	9.846	122	387793	41.929	ng		96
28) bis(2-Chloroethoxy)met...	10.075	93	474028	40.433	ng		99
29) 2,4-Dichlorophenol	10.328	162	427500	42.068	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	448615	41.463	ng		96
31) Naphthalene	10.704	128	1468237	40.012	ng		99
32) Benzoic acid	10.052	122	290635	42.331	ng		94
33) 4-Chloroaniline	10.834	127	586741	41.422	ng		96
34) Hexachlorobutadiene	10.981	225	248453	41.706	ng		97
35) Caprolactam	11.651	113	134512	41.990	ng		89
36) 4-Chloro-3-methylphenol	11.975	107	442523	40.326	ng		96
37) 2-Methylnaphthalene	12.322	142	1021141	40.108	ng		96
38) 1-Methylnaphthalene	12.540	142	969701	40.245	ng		99
40) 1,2,4,5-Tetrachloroben...	12.693	216	425102	46.662	ng		98
41) Hexachlorocyclopentadiene	12.663	237	43361	34.157	ng		95
43) 2,4,6-Trichlorophenol	12.946	196	309619	46.976	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	330961	46.803	ng		96
46) 1,1'-Biphenyl	13.328	154	1197522	43.432	ng		99
47) 2-Chloronaphthalene	13.375	162	923948	43.559	ng		98
48) 2-Nitroaniline	13.593	65	225511	42.784	ng		92
49) Acenaphthylene	14.216	152	1378997	40.374	ng		100
50) Dimethylphthalate	13.957	163	1068972	40.477	ng		99
51) 2,6-Dinitrotoluene	14.087	165	245097	41.165	ng		93
52) Acenaphthene	14.557	154	827629	39.835	ng		99
53) 3-Nitroaniline	14.422	138	255876	42.418	ng		92
54) 2,4-Dinitrophenol	14.657	184	107687	39.487	ng		95
55) Dibenzofuran	14.892	168	1309669	40.493	ng		98
56) 4-Nitrophenol	14.775	139	154475	37.396	ng		84
57) 2,4-Dinitrotoluene	14.887	165	339302	42.312	ng	#	94
58) Fluorene	15.545	166	1049184	40.378	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	235898	42.633	ng	#	78
60) Diethylphthalate	15.316	149	1085562	40.081	ng		99
61) 4-Chlorophenyl-phenyle...	15.534	204	466501	40.953	ng		91
62) 4-Nitroaniline	15.587	138	242090	39.822	ng	#	85
63) Azobenzene	15.828	77	900275	39.816	ng		96
65) 4,6-Dinitro-2-methylph...	15.657	198	174512	39.669	ng		90
66) n-Nitrosodiphenylamine	15.757	169	907963	40.504	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	281814	41.524	ng	#	89
68) Hexachlorobenzene	16.551	284	337189	41.856	ng	#	91
69) Atrazine	16.710	200	290608	41.293	ng		95
70) Pentachlorophenol	16.910	266	156950	42.213	ng		97
71) Phenanthrene	17.286	178	1563258	40.207	ng		99
72) Anthracene	17.381	178	1542882	40.507	ng		100
73) Carbazole	17.657	167	1536092	40.697	ng		99
74) Di-n-butylphthalate	18.198	149	1835250	40.395	ng		98
75) Fluoranthene	19.257	202	1723449	40.444	ng		96
77) Benzidine	19.439	184	765187	38.105	ng		99
78) Pyrene	19.610	202	1790690	39.121	ng		99
80) Butylbenzylphthalate	20.469	149	885814	39.015	ng		93
81) Benzo(a)anthracene	21.310	228	1741921	40.669	ng		100
82) 3,3'-Dichlorobenzidine	21.245	252	532852	42.408	ng	#	98
83) Chrysene	21.363	228	1676237	39.601	ng		99
84) Bis(2-ethylhexyl)phtha...	21.222	149	1304942	38.940	ng	#	98
85) Di-n-octyl phthalate	22.133	149	2353519	39.875	ng		99
87) Indeno(1,2,3-cd)pyrene	26.227	276	2621585	42.201	ng	#	91
88) Benzo(b)fluoranthene	22.980	252	2032962	39.775	ng	#	96
89) Benzo(k)fluoranthene	23.027	252	2017478	40.384	ng	#	96
90) Benzo(a)pyrene	23.604	252	1927215	40.181	ng	#	96
91) Dibenzo(a,h)anthracene	26.233	278	2266866	42.378	ng	#	94
92) Benzo(g,h,i)perylene	26.998	276	2201294	41.815	ng	#	91

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

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