Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006450.D
Acq On : 02 Aug 2021 14:17
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 02 16:07:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 15:59:11 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
8/3/2021 11:49:08 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	196874	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	811177	20.000	ng	#	0.00
39) Acenaphthene-d10	14.393	164	459766	20.000	ng		0.00
64) Phenanthrene-d10	17.145	188	900125	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	891383	20.000	ng	#	0.00
86) Perylene-d12	23.574	264	924339	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	263606	21.492	ng		0.00
7) Phenol-d6	6.934	99	366371	21.584	ng		0.00
23) Nitrobenzene-d5	8.916	82	353307	23.047	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	89751	21.424	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	638481	20.887	ng		0.00
79) Terphenyl-d14	19.716	244	911733	20.695	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	59914	11.499	ng	#	87
3) Pyridine	3.705	79	171628	11.519	ng		95
4) n-Nitrosodimethylamine	3.617	42	64934	12.742	ng	#	91
6) Aniline	7.099	93	202430	10.971	ng		94
8) 2-Chlorophenol	7.328	128	141130	10.538	ng		91
9) Benzaldehyde	6.911	77	127307m	13.001	ng		
10) Phenol	6.964	94	186175	11.027	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	144862	11.172	ng		87
12) 1,3-Dichlorobenzene	7.652	146	152511	10.679	ng		97
13) 1,4-Dichlorobenzene	7.799	146	155307	10.708	ng		99
14) 1,2-Dichlorobenzene	8.111	146	147902	10.655	ng		97
15) Benzyl Alcohol	8.005	79	134861	11.046	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.293	45	173186	12.305	ng		92
17) 2-Methylphenol	8.205	107	114817	10.535	ng		98
18) Hexachloroethane	8.834	117	59467	11.275	ng		86
19) n-Nitroso-di-n-propyla...	8.569	70	123265	11.781	ng	#	96
20) 3+4-Methylphenols	8.528	107	154979	10.518	ng		95
22) Acetophenone	8.587	105	219931	10.965	ng		98
24) Nitrobenzene	8.958	77	181727	11.355	ng		89
25) Isophorone	9.487	82	303946	10.800	ng		95
26) 2-Nitrophenol	9.669	139	57992	9.469	ng	#	89
27) 2,4-Dimethylphenol	9.734	122	109408	9.929	ng		96
28) bis(2-Chloroethoxy)met...	9.975	93	172166	10.725	ng		97
29) 2,4-Dichlorophenol	10.193	162	108296	9.589	ng		93
30) 1,2,4-Trichlorobenzene	10.410	180	123164	9.891	ng		97
31) Naphthalene	10.599	128	445929	10.404	ng		99
32) Benzoic acid	9.810	122	62509	7.975	ng		91
33) 4-Chloroaniline	10.710	127	172391	10.058	ng		95
34) Hexachlorobutadiene	10.881	225	72793	9.965	ng		98
35) Caprolactam	11.487	113	33262	9.306	ng	#	67
36) 4-Chloro-3-methylphenol	11.834	107	132506	9.858	ng		88
37) 2-Methylnaphthalene	12.210	142	297510	10.109	ng		99
38) 1-Methylnaphthalene	12.428	142	284789	10.265	ng		100
40) 1,2,4,5-Tetrachloroben...	12.575	216	121227	9.781	ng	#	94
41) Hexachlorocyclopentadiene	12.557	237	63726	9.492	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	76401	9.336	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	85419	9.520	ng	#	89
46) 1,1'-Biphenyl	13.228	154	361244	10.489	ng		95
47) 2-Chloronaphthalene	13.263	162	274513	10.378	ng		94
48) 2-Nitroaniline	13.475	65	82670	10.854	ng	#	85
49) Acenaphthylene	14.110	152	432085	10.313	ng		99
50) Dimethylphthalate	13.857	163	337640	10.463	ng		99
51) 2,6-Dinitrotoluene	13.975	165	69408	9.937	ng	#	76
52) Acenaphthene	14.457	154	269804	10.418	ng		97
53) 3-Nitroaniline	14.298	138	75253	10.033	ng	#	79
54) 2,4-Dinitrophenol	14.504	184	29853	8.480	ng	#	79
55) Dibenzofuran	14.793	168	423283	10.437	ng		92
56) 4-Nitrophenol	14.604	139	62641	9.817	ng	#	83
57) 2,4-Dinitrotoluene	14.763	165	88127	9.652	ng	#	81
58) Fluorene	15.440	166	330112	10.212	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	73562	9.873	ng	#	72
60) Diethylphthalate	15.228	149	347130	10.488	ng		97
61) 4-Chlorophenyl-phenyle...	15.445	204	151635	10.012	ng	#	88
62) 4-Nitroaniline	15.463	138	76972	9.901	ng		89
63) Azobenzene	15.734	77	403323	11.415	ng		92
65) 4,6-Dinitro-2-methylph...	15.516	198	44237	8.838	ng	#	66
66) n-Nitrosodiphenylamine	15.657	169	284179	10.187	ng		99
67) 4-Bromophenyl-phenylether	16.340	248	86610	10.894	ng	#	86
68) Hexachlorobenzene	16.439	284	99097	9.852	ng	#	82
69) Atrazine	16.616	200	85162	9.670	ng		97
70) Pentachlorophenol	16.787	266	54990	9.112	ng		98
71) Phenanthrene	17.186	178	521925	10.510	ng		99
72) Anthracene	17.275	178	485888	10.116	ng		99
73) Carbazole	17.551	167	500365	10.413	ng		99
74) Di-n-butylphthalate	18.122	149	528871	9.725	ng		99
75) Fluoranthene	19.163	202	566101	10.186	ng		95
77) Benzidine	19.351	184	242058	10.404	ng		99
78) Pyrene	19.510	202	594100	10.132	ng		99
80) Butylbenzylphthalate	20.404	149	229793	9.263	ng		86
81) Benzo(a)anthracene	21.227	228	592240	10.348	ng		99
82) 3,3'-Dichlorobenzidine	21.169	252	148589	9.808	ng	#	98
83) Chrysene	21.280	228	583118	10.534	ng		99
84) Bis(2-ethylhexyl)phtha...	21.175	149	377116	10.089	ng	#	95
85) Di-n-octyl phthalate	22.080	149	573186	9.219	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.986	276	660701	10.000	ng	#	88
88) Benzo(b)fluoranthene	22.863	252	591464	9.954	ng	#	95
89) Benzo(k)fluoranthene	22.916	252	592038	10.523	ng	#	96
90) Benzo(a)pyrene	23.469	252	523792	9.840	ng	#	95
91) Dibenzo(a,h)anthracene	26.004	278	578341	10.132	ng	#	92
92) Benzo(g,h,i)perylene	26.721	276	553016	10.048	ng	#	90

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

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