Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072121\
Data File : BP006259.D
Acq On : 21 Jul 2021 10:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 21 11:17:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 08:44:35 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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7/22/2021 1:29:24 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	265711	20.000	ng		0.00
21) Naphthalene-d8	10.592	136	1108175	20.000	ng	#	0.00
39) Acenaphthene-d10	14.428	164	678614	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1380026	20.000	ng	#	0.00
76) Chrysene-d12	21.274	240	1342405	20.000	ng	#	0.00
86) Perylene-d12	23.627	264	1388262	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1299784	81.498	ng		0.00
7) Phenol-d6	6.975	99	1798868	82.499	ng		0.00
23) Nitrobenzene-d5	8.957	82	1587348	86.255	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	535579	76.673	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	3501198	78.532	ng		0.00
79) Terphenyl-d14	19.757	244	5321136	79.294	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	268967	40.332	ng		93
3) Pyridine	3.734	79	780237	42.030	ng		96
4) n-Nitrosodimethylamine	3.646	42	268277	42.619	ng	#	73
6) Aniline	7.140	93	999910	41.422	ng		99
8) 2-Chlorophenol	7.369	128	722859	41.048	ng		96
9) Benzaldehyde	6.951	77	520074	41.427	ng		95
10) Phenol	7.004	94	894651	41.356	ng		94
11) bis(2-Chloroethyl)ether	7.240	93	703924	42.014	ng		96
12) 1,3-Dichlorobenzene	7.693	146	778683	40.360	ng		99
13) 1,4-Dichlorobenzene	7.840	146	787894	40.282	ng		99
14) 1,2-Dichlorobenzene	8.151	146	758113	40.466	ng		98
15) Benzyl Alcohol	8.046	79	656653	41.832	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.345	45	733320	43.444	ng		96
17) 2-Methylphenol	8.245	107	597134	41.618	ng		96
18) Hexachloroethane	8.875	117	288382	41.473	ng		92
19) n-Nitroso-di-n-propyla...	8.616	70	575516	43.087	ng		94
20) 3+4-Methylphenols	8.575	107	813871	42.113	ng		96
22) Acetophenone	8.628	105	1073112	40.123	ng	#	96
24) Nitrobenzene	9.004	77	828003	42.319	ng		96
25) Isophorone	9.534	82	1561993	41.604	ng		96
26) 2-Nitrophenol	9.704	139	316497	39.174	ng		95
27) 2,4-Dimethylphenol	9.775	122	603410	40.621	ng		100
28) bis(2-Chloroethoxy)met...	10.016	93	861856	40.665	ng		99
29) 2,4-Dichlorophenol	10.240	162	625294	40.776	ng		96
30) 1,2,4-Trichlorobenzene	10.451	180	680162	39.230	ng		97
31) Naphthalene	10.640	128	2325318	39.977	ng		99
32) Benzoic acid	9.910	122	386196	41.895	ng		98
33) 4-Chloroaniline	10.751	127	943536	39.850	ng		99
34) Hexachlorobutadiene	10.928	225	403899	39.293	ng		99
35) Caprolactam	11.551	113	189371	41.038	ng		86
36) 4-Chloro-3-methylphenol	11.881	107	746399	41.820	ng		96
37) 2-Methylnaphthalene	12.251	142	1629233	40.108	ng		97
38) 1-Methylnaphthalene	12.469	142	1539446	40.071	ng		98
40) 1,2,4,5-Tetrachloroben...	12.616	216	717392	39.030	ng		98
41) Hexachlorocyclopentadiene	12.598	237	404351	40.179	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	468608	40.647	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	503947	40.685	ng	#	95
46) 1,1'-Biphenyl	13.269	154	1962899	39.243	ng		97
47) 2-Chloronaphthalene	13.304	162	1514042	39.314	ng		97
48) 2-Nitroaniline	13.510	65	423730	41.700	ng		96
49) Acenaphthylene	14.151	152	2458821	40.106	ng		99
50) Dimethylphthalate	13.904	163	1891828	39.731	ng		100
51) 2,6-Dinitrotoluene	14.010	165	411109	40.124	ng		91
52) Acenaphthene	14.492	154	1499765	39.573	ng		99
53) 3-Nitroaniline	14.339	138	447172	40.706	ng		91
54) 2,4-Dinitrophenol	14.539	184	180223	45.461	ng		94
55) Dibenzofuran	14.828	168	2365440	39.531	ng		98
56) 4-Nitrophenol	14.639	139	377804	43.003	ng		88
57) 2,4-Dinitrotoluene	14.798	165	556897	40.912	ng		96
58) Fluorene	15.480	166	1904469	39.732	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	444846m	41.477	ng		
60) Diethylphthalate	15.269	149	1980585	40.300	ng		98
61) 4-Chlorophenyl-phenyle...	15.480	204	893729	39.419	ng		96
62) 4-Nitroaniline	15.504	138	462587	40.433	ng	#	85
63) Azobenzene	15.775	77	2071807	41.867	ng		93
65) 4,6-Dinitro-2-methylph...	15.557	198	279320	40.787	ng		88
66) n-Nitrosodiphenylamine	15.692	169	1671079	39.466	ng		100
67) 4-Bromophenyl-phenylether	16.374	248	506821	36.453	ng		93
68) Hexachlorobenzene	16.480	284	618154	38.773	ng		97
69) Atrazine	16.657	200	550887	39.834	ng		96
70) Pentachlorophenol	16.822	266	370864	41.537	ng		99
71) Phenanthrene	17.221	178	2984360	39.482	ng		99
72) Anthracene	17.310	178	2937868	39.846	ng		100
73) Carbazole	17.586	167	2921898	39.535	ng		99
74) Di-n-butylphthalate	18.157	149	3450815	40.906	ng		99
75) Fluoranthene	19.192	202	3421885	39.447	ng		94
77) Benzidine	19.380	184	1566503	40.094	ng		100
78) Pyrene	19.545	202	3531487	39.840	ng		99
80) Butylbenzylphthalate	20.439	149	1564257	41.655	ng		92
81) Benzo(a)anthracene	21.262	228	3428761	39.804	ng		99
82) 3,3'-Dichlorobenzidine	21.198	252	960296	40.259	ng	#	97
83) Chrysene	21.315	228	3329928	39.925	ng		99
84) Bis(2-ethylhexyl)phtha...	21.210	149	2331394	41.192	ng	#	98
85) Di-n-octyl phthalate	22.127	149	3940092	41.495	ng		98
87) Indeno(1,2,3-cd)pyrene	26.068	276	3953043	40.193	ng	#	90
88) Benzo(b)fluoranthene	22.909	252	3624771	40.467	ng	#	95
89) Benzo(k)fluoranthene	22.962	252	3322106	39.831	ng	#	96
90) Benzo(a)pyrene	23.527	252	3236914	40.275	ng	#	96
91) Dibenzo(a,h)anthracene	26.098	278	3445195	40.496	ng	#	94
92) Benzo(g,h,i)perylene	26.815	276	3299407	39.844	ng	#	90

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

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