Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110320\
Data File : BP003796.D
Acq On : 03 Nov 2020 16:36
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP110320

Manual Integrations APPROVED
mohammad
11/4/2020 11:00:39 AM

Quant Time: Nov 05 14:41:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 14:31:45 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.299	152	164773	20.00	ng		0.00
21) Naphthalene-d8	11.128	136	657192	20.00	ng	#	0.00
39) Acenaphthene-d10	14.916	164	416676	20.00	ng		0.00
64) Phenanthrene-d10	17.639	188	868519	20.00	ng	#	0.00
76) Chrysene-d12	21.657	240	828644	20.00	ng		0.00
86) Perylene-d12	24.121	264	854410	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.811	112	769695	77.96	ng		0.00
7) Phenol-d6	7.458	99	1101835	77.75	ng		0.00
23) Nitrobenzene-d5	9.458	82	1020184m	76.03	ng		0.00
42) 2,4,6-Tribromophenol	16.392	330	408613	78.41	ng		0.00
45) 2-Fluorobiphenyl	13.540	172	2187819	73.41	ng		0.00
79) Terphenyl-d14	20.128	244	3208167	74.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	159598	37.47	ng	#	62
3) Pyridine	3.946	79	481404	38.54	ng	#	59
4) n-Nitrosodimethylamine	3.846	42	222400	38.67	ng	#	56
6) Aniline	7.599	93	638191	39.66	ng	#	84
8) 2-Chlorophenol	7.864	128	408472	38.97	ng	#	80
9) Benzaldehyde	7.399	77	253923	39.88	ng	#	80
10) Phenol	7.481	94	532436	38.93	ng		82
11) bis(2-Chloroethyl)ether	7.687	93	423904	38.57	ng	#	81
12) 1,3-Dichlorobenzene	8.193	146	487938	37.98	ng	#	94
13) 1,4-Dichlorobenzene	8.334	146	492218	38.01	ng		96
14) 1,2-Dichlorobenzene	8.663	146	471432	38.11	ng		96
15) Benzyl Alcohol	8.528	79	396996	40.44	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.828	45	703671	38.01	ng		81
17) 2-Methylphenol	8.752	107	355006	39.54	ng	#	94
18) Hexachloroethane	9.410	117	179936	39.09	ng		96
19) n-Nitroso-di-n-propyla...	9.099	70	341795	40.35	ng	#	75
20) 3+4-Methylphenols	9.081	107	476778	39.78	ng		93
22) Acetophenone	9.116	105	657287	37.26	ng	#	86
24) Nitrobenzene	9.499	77	499612	37.47	ng	#	81
25) Isophorone	10.028	82	880667	38.64	ng	#	91
26) 2-Nitrophenol	10.228	139	214352	41.17	ng	#	75
27) 2,4-Dimethylphenol	10.287	122	326223	37.56	ng		92
28) bis(2-Chloroethoxy)met...	10.499	93	583253	37.29	ng		97
29) 2,4-Dichlorophenol	10.775	162	403298	38.53	ng		96
30) 1,2,4-Trichlorobenzene	10.999	180	472927	37.09	ng		100
31) Naphthalene	11.181	128	1299064	36.84	ng		100
32) Benzoic acid	10.440	122	228787	39.33	ng	#	77
33) 4-Chloroaniline	11.263	127	563213	37.58	ng	#	88
34) Hexachlorobutadiene	11.493	225	306694	36.88	ng		98
35) Caprolactam	11.999	113	133267	41.18	ng	#	14
36) 4-Chloro-3-methylphenol	12.387	107	436179	38.61	ng		89
37) 2-Methylnaphthalene	12.763	142	934337	37.02	ng		98
38) 1-Methylnaphthalene	12.981	142	891889	37.05	ng		98
40) 1,2,4,5-Tetrachloroben...	13.140	216	509037	36.91	ng		99
41) Hexachlorocyclopentadiene	13.134	237	270664	38.90	ng		100
43) 2,4,6-Trichlorophenol	13.363	196	334983	39.30	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	350477	39.05	ng		97
46) 1,1'-Biphenyl	13.751	154	1186668	36.69	ng		97
47) 2-Chloronaphthalene	13.798	162	983541	37.06	ng		99
48) 2-Nitroaniline	13.975	65	320135	40.43	ng	#	58
49) Acenaphthylene	14.634	152	1450589	37.22	ng		100
50) Dimethylphthalate	14.346	163	1216505	37.35	ng		100
51) 2,6-Dinitrotoluene	14.457	165	260164	38.93	ng	#	74
52) Acenaphthene	14.981	154	966413	37.23	ng		94
53) 3-Nitroaniline	14.787	138	286943	38.79	ng	#	75
54) 2,4-Dinitrophenol	14.993	184	120512	41.41	ng	#	1
55) Dibenzofuran	15.304	168	1412951	36.63	ng		99
56) 4-Nitrophenol	15.098	139	214981	40.32	ng	#	60
57) 2,4-Dinitrotoluene	15.240	165	354540	39.51	ng	#	71
58) Fluorene	15.951	166	1122891	36.36	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.540	232	321534	39.74	ng		96
60) Diethylphthalate	15.698	149	1189046	37.29	ng		99
61) 4-Chlorophenyl-phenyle...	15.928	204	618333	36.64	ng		99
62) 4-Nitroaniline	15.945	138	300241	38.93	ng		85
63) Azobenzene	16.222	77	1115992	37.06	ng		85
65) 4,6-Dinitro-2-methylph...	16.016	198	175299	38.88	ng		83
66) n-Nitrosodiphenylamine	16.140	169	996403	37.48	ng		98
67) 4-Bromophenyl-phenylether	16.822	248	382463	37.64	ng		96
68) Hexachlorobenzene	16.981	284	430922	37.16	ng		98
69) Atrazine	17.069	200	337410	38.66	ng		98
70) Pentachlorophenol	17.304	266	221663	39.96	ng		99
71) Phenanthrene	17.681	178	1785762	36.64	ng		99
72) Anthracene	17.769	178	1742336	37.01	ng		99
73) Carbazole	18.022	167	1608438	36.83	ng		98
74) Di-n-butylphthalate	18.539	149	1972454	39.01	ng	#	99
75) Fluoranthene	19.610	202	2081817	37.01	ng		99
77) Benzidine	19.751	184	804418	41.16	ng		99
78) Pyrene	19.957	202	2150546	38.24	ng		98
80) Butylbenzylphthalate	20.775	149	864010	41.23	ng	#	85
81) Benzo(a)anthracene	21.639	228	2061140	37.72	ng		99
82) 3,3'-Dichlorobenzidine	21.551	252	735736	39.03	ng		99
83) Chrysene	21.698	228	1956554	37.26	ng		98
84) Bis(2-ethylhexyl)phtha...	21.522	149	1243680	40.27	ng		100
85) Di-n-octyl phthalate	22.451	149	2074492	40.32	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.674	276	2222927	36.07	ng		99
88) Benzo(b)fluoranthene	23.374	252	2047122	36.61	ng		99
89) Benzo(k)fluoranthene	23.422	252	1954463	35.40	ng		99
90) Benzo(a)pyrene	24.016	252	1881593	36.35	ng		99
91) Dibenzo(a,h)anthracene	26.674	278	1852005	36.05	ng		98
92) Benzo(g,h,i)perylene	27.457	276	1794195	36.08	ng		98

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

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