Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003976.D
Acq On : 17 Nov 2020 15:37
Operator : CG/JU
Sample : L4734-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BARNUM-STREET-TEST-PIT-1MS

Quant Time: Nov 17 16:45:26 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 12 15:22:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.281	152	139380	20.00	ng		0.00
21) Naphthalene-d8	11.110	136	546496	20.00	ng	#	0.00
39) Acenaphthene-d10	14.904	164	335150	20.00	ng		0.00
64) Phenanthrene-d10	17.639	188	690691	20.00	ng	#	0.00
76) Chrysene-d12	21.680	240	617498	20.00	ng		0.00
86) Perylene-d12	24.162	264	643319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	1002604	120.06	ng		0.00
7) Phenol-d6	7.457	99	1334018	111.28	ng		0.00
23) Nitrobenzene-d5	9.446	82	829828	74.37	ng		0.00
42) 2,4,6-Tribromophenol	16.392	330	486736	116.11	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	1638458	68.35	ng		0.00
79) Terphenyl-d14	20.133	244	1984306	62.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	127699	35.44	ng	#	58
3) Pyridine	3.928	79	414210	39.20	ng	#	58
4) n-Nitrosodimethylamine	3.828	42	245033	50.37	ng	#	49
6) Aniline	7.587	93	520225	38.22	ng	#	84
8) 2-Chlorophenol	7.852	128	482456	54.41	ng	#	79
9) Benzaldehyde	7.381	77	77506	11.11	ng	#	74
10) Phenol	7.481	94	637886	55.14	ng		80
11) bis(2-Chloroethyl)ether	7.669	93	469923	50.54	ng	#	80
12) 1,3-Dichlorobenzene	8.175	146	518136	47.68	ng	#	94
13) 1,4-Dichlorobenzene	8.316	146	526331	48.04	ng		96
14) 1,2-Dichlorobenzene	8.646	146	513116	49.04	ng		95
15) Benzyl Alcohol	8.516	79	467599	56.31	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.810	45	741136	47.33	ng		81
17) 2-Methylphenol	8.746	107	419154	55.18	ng	#	93
18) Hexachloroethane	9.393	117	194097	49.85	ng		99
19) n-Nitroso-di-n-propyla...	9.087	70	379573	52.97	ng	#	75
20) 3+4-Methylphenols	9.075	107	562432	55.47	ng		92
22) Acetophenone	9.099	105	727265	49.58	ng	#	84
24) Nitrobenzene	9.487	77	566156	51.05	ng	#	80
25) Isophorone	10.010	82	1023096	53.98	ng	#	90
26) 2-Nitrophenol	10.210	139	268370	61.98	ng	#	74
27) 2,4-Dimethylphenol	10.281	122	444897	61.60	ng		91
28) bis(2-Chloroethoxy)met...	10.487	93	613085	47.14	ng		97
29) 2,4-Dichlorophenol	10.769	162	468579	53.84	ng		95
30) 1,2,4-Trichlorobenzene	10.981	180	502974	47.43	ng		98
31) Naphthalene	11.163	128	1458839	49.74	ng		100
32) Benzoic acid	10.451	122	224704	44.95	ng	#	73
33) 4-Chloroaniline	11.257	127	368000	29.53	ng	#	90
34) Hexachlorobutadiene	11.475	225	319572	46.21	ng		100
35) Caprolactam	12.004	113	152383	56.62	ng	#	15
36) 4-Chloro-3-methylphenol	12.387	107	517985	55.13	ng		88
37) 2-Methylnaphthalene	12.751	142	1049377	50.00	ng		97
38) 1-Methylnaphthalene	12.969	142	975752	48.74	ng		99
40) 1,2,4,5-Tetrachloroben...	13.128	216	567681	51.18	ng		99
41) Hexachlorocyclopentadiene	13.122	237	512707	91.62	ng		98
43) 2,4,6-Trichlorophenol	13.357	196	375648	54.78	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.439	196	402050	55.69	ng	#	95
46) 1,1'-Biphenyl	13.739	154	1315480	50.56	ng		98
47) 2-Chloronaphthalene	13.787	162	1038422	48.65	ng		99
48) 2-Nitroaniline	13.969	65	354516	55.66	ng	#	58
49) Acenaphthylene	14.628	152	1622272	51.75	ng		99
50) Dimethylphthalate	14.334	163	1602050	61.15	ng		100
51) 2,6-Dinitrotoluene	14.451	165	290984	54.13	ng	#	71
52) Acenaphthene	14.969	154	1097865	52.58	ng		97
53) 3-Nitroaniline	14.781	138	207286	34.84	ng	#	72
54) 2,4-Dinitrophenol	14.998	184	174408	63.68	ng	#	82
55) Dibenzofuran	15.298	168	1559055	50.26	ng		99
56) 4-Nitrophenol	15.116	139	474409	110.63	ng	#	61
57) 2,4-Dinitrotoluene	15.245	165	400104	55.44	ng	#	75
58) Fluorene	15.945	166	1274855	51.32	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.533	232	338776	52.05	ng		98
60) Diethylphthalate	15.686	149	1286764	50.16	ng		99
61) 4-Chlorophenyl-phenyle...	15.922	204	658258	48.49	ng		99
62) 4-Nitroaniline	15.945	138	282309	45.51	ng		87
63) Azobenzene	16.216	77	1227200	50.67	ng		84
65) 4,6-Dinitro-2-methylph...	16.022	198	136035	38.09	ng	#	79
66) n-Nitrosodiphenylamine	16.133	169	1103054	52.17	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	405458	50.17	ng		97
68) Hexachlorobenzene	16.980	284	446352	48.41	ng		97
69) Atrazine	17.069	200	324204	46.71	ng		98
70) Pentachlorophenol	17.310	266	467564	106.00	ng		99
71) Phenanthrene	17.680	178	2262399	58.36	ng		99
72) Anthracene	17.769	178	2071467	55.33	ng		99
73) Carbazole	18.022	167	1825894	52.57	ng		99
74) Di-n-butylphthalate	18.539	149	2159936	53.72	ng	#	99
75) Fluoranthene	19.616	202	2936907	65.66	ng		99
77) Benzidine	19.763	184	573127	39.35	ng		100
78) Pyrene	19.969	202	2883524	68.81	ng		99
80) Butylbenzylphthalate	20.786	149	943137	60.40	ng	#	86
81) Benzo(a)anthracene	21.663	228	2433815	59.77	ng		99
82) 3,3'-Dichlorobenzidine	21.568	252	633222	45.08	ng		99
83) Chrysene	21.715	228	2293304	58.61	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1358860	59.04	ng		99
85) Di-n-octyl phthalate	22.468	149	2315000	60.38	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.739	276	2509787	54.08	ng		98
88) Benzo(b)fluoranthene	23.410	252	2455686	58.33	ng		99
89) Benzo(k)fluoranthene	23.457	252	2147334	51.66	ng		99
90) Benzo(a)pyrene	24.057	252	2167090	55.61	ng		99
91) Dibenzo(a,h)anthracene	26.739	278	1993237	51.53	ng		98
92) Benzo(g,h,i)perylene	27.533	276	2132625	56.95	ng		98

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

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