Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003977.D
Acq On : 17 Nov 2020 16:11
Operator : CG/JU
Sample : L4734-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 17 16:46:10 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	146843	20.00	ng		0.00
21) Naphthalene-d8	11.110	136	580758	20.00	ng	#	0.00
39) Acenaphthene-d10	14.904	164	346875	20.00	ng		0.00
64) Phenanthrene-d10	17.639	188	697179	20.00	ng	#	0.00
76) Chrysene-d12	21.680	240	611451	20.00	ng		0.00
86) Perylene-d12	24.163	264	639547	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	1190136	135.27	ng		0.00
7) Phenol-d6	7.458	99	1567319	124.09	ng		0.00
23) Nitrobenzene-d5	9.446	82	976354	82.34	ng		0.00
42) 2,4,6-Tribromophenol	16.392	330	545019	125.62	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	1898531	76.52	ng		0.00
79) Terphenyl-d14	20.139	244	2179487	68.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	143437	37.79	ng	#	58
3) Pyridine	3.928	79	460015	41.32	ng	#	58
4) n-Nitrosodimethylamine	3.828	42	263818	51.47	ng	#	53
6) Aniline	7.587	93	391976	27.33	ng	#	83
8) 2-Chlorophenol	7.852	128	532818	57.04	ng	#	80
9) Benzaldehyde	7.381	77	86362	11.91	ng	#	78
10) Phenol	7.481	94	688733	56.51	ng		80
11) bis(2-Chloroethyl)ether	7.669	93	509741	52.04	ng	#	79
12) 1,3-Dichlorobenzene	8.175	146	569247	49.72	ng	#	94
13) 1,4-Dichlorobenzene	8.316	146	579955	50.25	ng		96
14) 1,2-Dichlorobenzene	8.646	146	555742	50.41	ng		96
15) Benzyl Alcohol	8.516	79	506572	57.91	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.810	45	812206	49.23	ng		82
17) 2-Methylphenol	8.746	107	451702	56.45	ng	#	94
18) Hexachloroethane	9.393	117	211909	51.66	ng		97
19) n-Nitroso-di-n-propyla...	9.087	70	411175	54.47	ng	#	75
20) 3+4-Methylphenols	9.075	107	604708	56.61	ng		92
22) Acetophenone	9.105	105	783633	50.27	ng	#	85
24) Nitrobenzene	9.487	77	614456	52.14	ng	#	80
25) Isophorone	10.010	82	1097088	54.47	ng	#	89
26) 2-Nitrophenol	10.210	139	289127	62.83	ng	#	73
27) 2,4-Dimethylphenol	10.281	122	481103	62.68	ng		90
28) bis(2-Chloroethoxy)met...	10.487	93	664815	48.10	ng		99
29) 2,4-Dichlorophenol	10.769	162	504744	54.57	ng		96
30) 1,2,4-Trichlorobenzene	10.981	180	551046	48.90	ng		100
31) Naphthalene	11.163	128	1581264	50.74	ng		100
32) Benzoic acid	10.463	122	239920	45.12	ng	#	73
33) 4-Chloroaniline	11.257	127	264514	19.97	ng	#	89
34) Hexachlorobutadiene	11.475	225	350572	47.70	ng		99
35) Caprolactam	12.004	113	157170	54.96	ng	#	9
36) 4-Chloro-3-methylphenol	12.387	107	543347	54.42	ng		89
37) 2-Methylnaphthalene	12.751	142	1124175	50.41	ng		97
38) 1-Methylnaphthalene	12.969	142	1043779	49.07	ng		99
40) 1,2,4,5-Tetrachloroben...	13.128	216	604989	52.70	ng		99
41) Hexachlorocyclopentadiene	13.122	237	481267	83.10	ng		99
43) 2,4,6-Trichlorophenol	13.357	196	397257	55.98	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	419324	56.12	ng		95
46) 1,1'-Biphenyl	13.740	154	1396860	51.88	ng		98
47) 2-Chloronaphthalene	13.787	162	1103414	49.94	ng		99
48) 2-Nitroaniline	13.969	65	367665	55.77	ng	#	59
49) Acenaphthylene	14.628	152	1711717	52.76	ng		100
50) Dimethylphthalate	14.340	163	1707113	62.96	ng		99
51) 2,6-Dinitrotoluene	14.451	165	301865	54.26	ng	#	71
52) Acenaphthene	14.969	154	1127606	52.18	ng		98
53) 3-Nitroaniline	14.787	138	174639	28.36	ng	#	77
54) 2,4-Dinitrophenol	14.998	184	142583	53.71	ng	#	78
55) Dibenzofuran	15.298	168	1641871	51.14	ng		98
56) 4-Nitrophenol	15.116	139	481511	108.49	ng	#	60
57) 2,4-Dinitrotoluene	15.245	165	409176	54.78	ng	#	74
58) Fluorene	15.945	166	1323017	51.46	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.540	232	355334	52.75	ng		97
60) Diethylphthalate	15.692	149	1348126	50.78	ng		99
61) 4-Chlorophenyl-phenyle...	15.922	204	688760	49.02	ng		98
62) 4-Nitroaniline	15.945	138	274745	42.80	ng		86
63) Azobenzene	16.216	77	1282645	51.17	ng		84
65) 4,6-Dinitro-2-methylph...	16.022	198	115206	32.98	ng	#	80
66) n-Nitrosodiphenylamine	16.134	169	1148647	53.82	ng		99
67) 4-Bromophenyl-phenylether	16.816	248	417642	51.20	ng		98
68) Hexachlorobenzene	16.981	284	457759	49.18	ng		97
69) Atrazine	17.069	200	331592	47.33	ng		99
70) Pentachlorophenol	17.310	266	479538	107.70	ng		98
71) Phenanthrene	17.681	178	2349340	60.04	ng		100
72) Anthracene	17.769	178	2138298	56.58	ng		99
73) Carbazole	18.028	167	1863343	53.15	ng		98
74) Di-n-butylphthalate	18.539	149	2210311	54.46	ng	#	99
75) Fluoranthene	19.622	202	3031888	67.16	ng		100
77) Benzidine	19.763	184	447611	31.04	ng		99
78) Pyrene	19.969	202	2972467	71.64	ng		99
80) Butylbenzylphthalate	20.786	149	951409	61.53	ng	#	85
81) Benzo(a)anthracene	21.663	228	2483260	61.58	ng		99
82) 3,3'-Dichlorobenzidine	21.569	252	590403	42.45	ng		99
83) Chrysene	21.716	228	2336181	60.30	ng		99
84) Bis(2-ethylhexyl)phtha...	21.539	149	1381092	60.60	ng		100
85) Di-n-octyl phthalate	22.474	149	2348563	61.86	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.745	276	2551149	55.30	ng		98
88) Benzo(b)fluoranthene	23.410	252	2483422	59.34	ng		99
89) Benzo(k)fluoranthene	23.457	252	2211601	53.52	ng		99
90) Benzo(a)pyrene	24.057	252	2205150	56.92	ng		98
91) Dibenzo(a,h)anthracene	26.739	278	2024084	52.63	ng		98
92) Benzo(g,h,i)perylene	27.539	276	2172296	58.36	ng		98

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

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