Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111120\
Data File : BP003923.D
Acq On : 11 Nov 2020 16:31
Operator : CG/JU
Sample : L4700-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : R-LA-38-2-WCMS

Quant Time: Nov 11 17:14:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:41:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.275	152	144117	20.00	ng		0.00
21) Naphthalene-d8	11.110	136	570774	20.00	ng	#	0.00
39) Acenaphthene-d10	14.904	164	349540	20.00	ng		0.00
64) Phenanthrene-d10	17.634	188	739945	20.00	ng	#	0.00
76) Chrysene-d12	21.669	240	680509	20.00	ng		0.01
86) Perylene-d12	24.145	264	662088	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	1013478	117.37	ng		0.00
7) Phenol-d6	7.452	99	1335463	107.74	ng		0.00
23) Nitrobenzene-d5	9.446	82	838930	71.98	ng		0.00
42) 2,4,6-Tribromophenol	16.387	330	483955	110.70	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	1712522	68.49	ng		0.00
79) Terphenyl-d14	20.133	244	2159385	61.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	150338	40.36	ng	#	58
3) Pyridine	3.928	79	451012	41.28	ng	#	58
4) n-Nitrosodimethylamine	3.828	42	239286	47.57	ng	#	53
6) Aniline	7.581	93	333216	23.67	ng	#	81
8) 2-Chlorophenol	7.852	128	452704	49.38	ng	#	80
9) Benzaldehyde	7.381	77	89192	12.69	ng	#	79
10) Phenol	7.481	94	606032	50.67	ng		82
11) bis(2-Chloroethyl)ether	7.669	93	446514	46.44	ng	#	80
12) 1,3-Dichlorobenzene	8.175	146	503431	44.81	ng	#	95
13) 1,4-Dichlorobenzene	8.316	146	506763	44.74	ng		96
14) 1,2-Dichlorobenzene	8.646	146	490822	45.36	ng		95
15) Benzyl Alcohol	8.516	79	430616	50.16	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.811	45	695983	42.98	ng		82
17) 2-Methylphenol	8.740	107	385378	49.07	ng	#	93
18) Hexachloroethane	9.393	117	187926	46.68	ng		99
19) n-Nitroso-di-n-propyla...	9.081	70	347346	46.88	ng	#	74
20) 3+4-Methylphenols	9.069	107	517633	49.38	ng		94
22) Acetophenone	9.099	105	670030	43.74	ng	#	85
24) Nitrobenzene	9.487	77	526664	45.47	ng	#	81
25) Isophorone	10.011	82	931701	47.07	ng	#	90
26) 2-Nitrophenol	10.210	139	244144	53.99	ng	#	74
27) 2,4-Dimethylphenol	10.281	122	408843	54.20	ng		90
28) bis(2-Chloroethoxy)met...	10.481	93	564547	41.56	ng		98
29) 2,4-Dichlorophenol	10.763	162	433332	47.67	ng		94
30) 1,2,4-Trichlorobenzene	10.981	180	465479	42.03	ng		98
31) Naphthalene	11.163	128	1323572	43.21	ng		99
32) Benzoic acid	10.440	122	219383	42.56	ng	#	71
33) 4-Chloroaniline	11.252	127	227817	17.50	ng	#	88
34) Hexachlorobutadiene	11.475	225	294191	40.73	ng		99
35) Caprolactam	11.993	113	138645	49.33	ng	#	11
36) 4-Chloro-3-methylphenol	12.381	107	469196	47.81	ng		87
37) 2-Methylnaphthalene	12.746	142	952140	43.44	ng		96
38) 1-Methylnaphthalene	12.963	142	882788	42.22	ng		99
40) 1,2,4,5-Tetrachloroben...	13.128	216	510159	44.10	ng		98
41) Hexachlorocyclopentadiene	13.122	237	576295	98.74	ng		99
43) 2,4,6-Trichlorophenol	13.357	196	343208	47.99	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.434	196	365772	48.58	ng	#	96
46) 1,1'-Biphenyl	13.734	154	1192832	43.96	ng		98
47) 2-Chloronaphthalene	13.787	162	940564	42.25	ng		100
48) 2-Nitroaniline	13.969	65	320637	48.27	ng	#	58
49) Acenaphthylene	14.622	152	1465650	44.83	ng		99
50) Dimethylphthalate	14.334	163	1453913	53.21	ng		99
51) 2,6-Dinitrotoluene	14.446	165	265299	47.32	ng	#	67
52) Acenaphthene	14.969	154	1030037	47.30	ng		96
53) 3-Nitroaniline	14.781	138	142507	22.96	ng	#	76
54) 2,4-Dinitrophenol	14.993	184	241828	77.84	ng	#	77
55) Dibenzofuran	15.298	168	1407745	43.51	ng		99
56) 4-Nitrophenol	15.110	139	437917	97.91	ng	#	61
57) 2,4-Dinitrotoluene	15.240	165	364619	48.44	ng	#	75
58) Fluorene	15.940	166	1133082	43.73	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.534	232	306330	45.13	ng		99
60) Diethylphthalate	15.687	149	1168989	43.70	ng		99
61) 4-Chlorophenyl-phenyle...	15.922	204	586170	41.40	ng		98
62) 4-Nitroaniline	15.940	138	247732	38.29	ng		88
63) Azobenzene	16.210	77	1124197	44.51	ng		83
65) 4,6-Dinitro-2-methylph...	16.016	198	189138	47.54	ng	#	82
66) n-Nitrosodiphenylamine	16.134	169	1007242	44.47	ng		98
67) 4-Bromophenyl-phenylether	16.810	248	362541	41.87	ng		96
68) Hexachlorobenzene	16.975	284	403261	40.82	ng		97
69) Atrazine	17.063	200	307801	41.39	ng		99
70) Pentachlorophenol	17.304	266	430908	91.19	ng		98
71) Phenanthrene	17.675	178	1768726	42.59	ng		100
72) Anthracene	17.763	178	1816173	45.28	ng		99
73) Carbazole	18.022	167	1644847	44.20	ng		98
74) Di-n-butylphthalate	18.534	149	1978704	45.93	ng	#	99
75) Fluoranthene	19.610	202	2078964	43.39	ng		99
77) Benzidine	19.757	184	519387	32.36	ng		100
78) Pyrene	19.957	202	2109683	45.68	ng		99
80) Butylbenzylphthalate	20.781	149	878387	51.05	ng	#	86
81) Benzo(a)anthracene	21.651	228	1981459	44.15	ng		99
82) 3,3'-Dichlorobenzidine	21.563	252	455933	29.45	ng		100
83) Chrysene	21.704	228	1891143	43.86	ng		99
84) Bis(2-ethylhexyl)phtha...	21.528	149	1266021	49.91	ng		99
85) Di-n-octyl phthalate	22.463	149	2186879	51.75	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.710	276	2071335	43.37	ng		97
88) Benzo(b)fluoranthene	23.392	252	1968638	45.44	ng		100
89) Benzo(k)fluoranthene	23.439	252	1898578	44.38	ng		99
90) Benzo(a)pyrene	24.039	252	1648304	41.10	ng		99
91) Dibenzo(a,h)anthracene	26.710	278	1745277	43.84	ng		97
92) Benzo(g,h,i)perylene	27.498	276	1739044	45.13	ng		96

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

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