Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003358.D
Acq On : 23 Sep 2020 15:31
Operator : CG/JU
Sample : L4106-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GLOUCESTER-SPMSD

Quant Time: Sep 23 16:03:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 12:48:08 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.563	152	181247	20.00	ng		0.00
21) Naphthalene-d8	10.340	136	699470	20.00	ng		# 0.00
39) Acenaphthene-d10	14.216	164	402006	20.00	ng		0.00
64) Phenanthrene-d10	16.969	188	776116	20.00	ng		# 0.00
76) Chrysene-d12	21.068	240	579877	20.00	ng		0.00
86) Perylene-d12	23.257	264	611428	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	1391159	134.02	ng		0.00
7) Phenol-d6	6.769	99	1730010	125.04	ng		0.00
23) Nitrobenzene-d5	8.716	82	1137076	95.50	ng		0.00
42) 2,4,6-Tribromophenol	15.716	330	676321	110.30	ng		0.00
45) 2-Fluorobiphenyl	12.834	172	2538589	92.36	ng		0.00
79) Terphenyl-d14	19.551	244	2847917	102.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	164023	38.45	ng		98
3) Pyridine	3.475	79	441087	38.84	ng		92
4) n-Nitrosodimethylamine	3.399	42	140124	41.25	ng		97
6) Aniline	6.899	93	560695	35.29	ng		97
8) 2-Chlorophenol	7.140	128	501572	43.39	ng		93
9) Benzaldehyde	6.704	77	154695	20.05	ng		86
10) Phenol	6.793	94	603571	45.67	ng		93
11) bis(2-Chloroethyl)ether	6.999	93	458680	43.80	ng		98
12) 1,3-Dichlorobenzene	7.451	146	549873	39.78	ng	#	96
13) 1,4-Dichlorobenzene	7.599	146	558625	39.95	ng		96
14) 1,2-Dichlorobenzene	7.910	146	531676	39.62	ng		97
15) Benzyl Alcohol	7.810	79	418081	45.47	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.098	45	335277	44.03	ng		92
17) 2-Methylphenol	8.028	107	412182	43.14	ng		97
18) Hexachloroethane	8.634	117	207792	39.88	ng		96
19) n-Nitroso-di-n-propyla...	8.375	70	304541	41.09	ng		95
20) 3+4-Methylphenols	8.357	107	543702	42.75	ng		94
22) Acetophenone	8.387	105	690596	40.20	ng	#	97
24) Nitrobenzene	8.757	77	500129	41.98	ng		88
25) Isophorone	9.281	82	920088	42.17	ng	#	93
26) 2-Nitrophenol	9.463	139	271657	41.75	ng	#	85
27) 2,4-Dimethylphenol	9.545	122	440729	47.90	ng		94
28) bis(2-Chloroethoxy)met...	9.769	93	586961	40.41	ng		98
29) 2,4-Dichlorophenol	10.010	162	464756	40.42	ng		97
30) 1,2,4-Trichlorobenzene	10.210	180	511145	37.47	ng		99
31) Naphthalene	10.393	128	1460670	39.53	ng		100
32) Benzoic acid	9.745	122	226355	36.97	ng		85
33) 4-Chloroaniline	10.504	127	301248	19.19	ng	#	95
34) Hexachlorobutadiene	10.687	225	336919	36.18	ng		98
35) Caprolactam	11.287	113	138237	36.03	ng		90
36) 4-Chloro-3-methylphenol	11.663	107	476529	38.44	ng		90
37) 2-Methylnaphthalene	12.016	142	1023994	38.25	ng		97
38) 1-Methylnaphthalene	12.239	142	950672	37.41	ng		100
40) 1,2,4,5-Tetrachloroben...	12.398	216	558606	42.44	ng		98
41) Hexachlorocyclopentadiene	12.381	237	454523	89.97	ng		99
43) 2,4,6-Trichlorophenol	12.645	196	354477	41.66	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.728	196	367970	42.03	ng	#	96
46) 1,1'-Biphenyl	13.045	154	1263679	42.15	ng		99
47) 2-Chloronaphthalene	13.081	162	983695	39.62	ng		98
48) 2-Nitroaniline	13.292	65	244747	38.95	ng	#	80
49) Acenaphthylene	13.933	152	1511318	39.84	ng		99
50) Dimethylphthalate	13.686	163	1554334	48.42	ng		99
51) 2,6-Dinitrotoluene	13.798	165	269031	39.10	ng	#	84
52) Acenaphthene	14.281	154	900101	38.99	ng		99
53) 3-Nitroaniline	14.128	138	172548	23.14	ng		82
54) 2,4-Dinitrophenol	14.351	184	243182	75.17	ng	#	90
55) Dibenzofuran	14.616	168	1423778	38.64	ng		96
56) 4-Nitrophenol	14.475	139	367716	80.69	ng		76
57) 2,4-Dinitrotoluene	14.598	165	353378	37.03	ng	#	81
58) Fluorene	15.269	166	1082342	37.19	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.857	232	303198	36.84	ng		99
60) Diethylphthalate	15.057	149	1178379	35.99	ng		100
61) 4-Chlorophenyl-phenyle...	15.269	204	576658	36.30	ng		98
62) 4-Nitroaniline	15.298	138	246520	31.15	ng		83
63) Azobenzene	15.563	77	992520	39.76	ng		93
65) 4,6-Dinitro-2-methylph...	15.375	198	186454	45.53	ng		100
66) n-Nitrosodiphenylamine	15.486	169	968419	42.48	ng		99
67) 4-Bromophenyl-phenylether	16.163	248	377288	40.22	ng		98
68) Hexachlorobenzene	16.286	284	429006	38.49	ng		94
69) Atrazine	16.445	200	264108	29.53	ng		99
70) Pentachlorophenol	16.633	266	377372	78.98	ng		96
71) Phenanthrene	17.010	178	1657557	39.25	ng		100
72) Anthracene	17.104	178	1679864	40.37	ng		100
73) Carbazole	17.374	167	1467857	37.13	ng		99
74) Di-n-butylphthalate	17.945	149	1851899	36.65	ng	#	99
75) Fluoranthene	18.992	202	1820566	34.29	ng		99
77) Benzidine	19.174	184	748717	41.64	ng		99
78) Pyrene	19.345	202	1810670	50.07	ng		100
80) Butylbenzylphthalate	20.227	149	720233	43.53	ng		92
81) Benzo(a)anthracene	21.051	228	1492874	39.83	ng		100
82) 3,3'-Dichlorobenzidine	20.986	252	454228	31.35	ng		99
83) Chrysene	21.104	228	1428253	39.66	ng		99
84) Bis(2-ethylhexyl)phtha...	20.992	149	982213	42.17	ng		100
85) Di-n-octyl phthalate	21.845	149	1547225	36.35	ng		99
87) Indeno(1,2,3-cd)pyrene	25.492	276	2071065	44.69	ng		97
88) Benzo(b)fluoranthene	22.598	252	1541876	39.93	ng		99
89) Benzo(k)fluoranthene	22.645	252	1438653	38.88	ng		98
90) Benzo(a)pyrene	23.162	252	1402177	38.51	ng		99
91) Dibenzo(a,h)anthracene	25.492	278	1716445	44.88	ng		98
92) Benzo(g,h,i)perylene	26.162	276	1817571	47.61	ng		97

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

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