Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122320\
Data File : BP004424.D
Acq On : 23 Dec 2020 15:12
Operator : CG/JU
Sample : L5186-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP-138KV-YARDMS

Quant Time: Dec 23 15:55:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 10:27:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	235860	20.00	ng		-0.01
21) Naphthalene-d8	10.616	136	864500	20.00	ng		#-0.01
39) Acenaphthene-d10	14.469	164	470694	20.00	ng		0.00
64) Phenanthrene-d10	17.234	188	919892	20.00	ng		# 0.00
76) Chrysene-d12	21.328	240	1017827	20.00	ng		0.00
86) Perylene-d12	23.680	264	1211257	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	1120337	77.84	ng		0.00
7) Phenol-d6	6.993	99	1439649	71.04	ng		0.00
23) Nitrobenzene-d5	8.981	82	885559	48.70	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	507450	80.80	ng		0.00
45) 2-Fluorobiphenyl	13.087	172	1858826	50.05	ng		-0.01
79) Terphenyl-d14	19.798	244	2409209	45.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	236907	34.72	ng	#	90
3) Pyridine	3.734	79	640083	34.58	ng		93
4) n-Nitrosodimethylamine	3.652	42	225368	37.71	ng	#	89
6) Aniline	7.152	93	583873	24.99	ng		93
8) 2-Chlorophenol	7.387	128	687712	44.75	ng		88
9) Benzaldehyde	6.964	77	194613	15.40	ng		86
10) Phenol	7.022	94	981050	48.99	ng		96
11) bis(2-Chloroethyl)ether	7.246	93	684062	41.07	ng		90
12) 1,3-Dichlorobenzene	7.711	146	834956	42.17	ng	#	96
13) 1,4-Dichlorobenzene	7.858	146	834247	41.85	ng		97
14) 1,2-Dichlorobenzene	8.175	146	795417	42.12	ng		98
15) Benzyl Alcohol	8.058	79	550895	43.73	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.346	45	736251	34.67	ng		91
17) 2-Methylphenol	8.264	107	555018	43.45	ng		97
18) Hexachloroethane	8.899	117	306339	42.45	ng		95
19) n-Nitroso-di-n-propyla...	8.628	70	468006	39.05	ng	#	90
20) 3+4-Methylphenols	8.593	107	737815	43.48	ng		98
22) Acetophenone	8.640	105	977849	41.91	ng	#	94
24) Nitrobenzene	9.022	77	742300	41.43	ng	#	87
25) Isophorone	9.546	82	1295939	43.35	ng	#	92
26) 2-Nitrophenol	9.734	139	364176	49.85	ng	#	91
27) 2,4-Dimethylphenol	9.793	122	580319	51.45	ng		96
28) bis(2-Chloroethoxy)met...	10.028	93	824322	38.75	ng		97
29) 2,4-Dichlorophenol	10.269	162	619508	46.74	ng		96
30) 1,2,4-Trichlorobenzene	10.481	180	743721	41.96	ng		99
31) Naphthalene	10.669	128	2057363	41.88	ng		100
32) Benzoic acid	9.922	122	331411	44.62	ng	#	84
33) 4-Chloroaniline	10.775	127	330235	16.64	ng	#	94
34) Hexachlorobutadiene	10.952	225	475359	42.79	ng		99
35) Caprolactam	11.546	113	182289	41.86	ng	#	62
36) 4-Chloro-3-methylphenol	11.910	107	591215	44.45	ng		95
37) 2-Methylnaphthalene	12.281	142	1405145	40.93	ng		99
38) 1-Methylnaphthalene	12.504	142	1304431	40.04	ng		98
40) 1,2,4,5-Tetrachloroben...	12.657	216	780426	45.84	ng		98
41) Hexachlorocyclopentadiene	12.634	237	969098	113.51	ng		99
43) 2,4,6-Trichlorophenol	12.899	196	485429	46.93	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	512254	46.63	ng		97
46) 1,1'-Biphenyl	13.299	154	1731128	43.53	ng		98
47) 2-Chloronaphthalene	13.340	162	1373538	42.09	ng		100
48) 2-Nitroaniline	13.546	65	343501	38.21	ng	#	75
49) Acenaphthylene	14.193	152	2087961	43.49	ng		99
50) Dimethylphthalate	13.928	163	1664554	42.98	ng		100
51) 2,6-Dinitrotoluene	14.046	165	366668	45.04	ng	#	86
52) Acenaphthene	14.534	154	1226508	40.95	ng		98
53) 3-Nitroaniline	14.375	138	188045	21.09	ng	#	85
54) 2,4-Dinitrophenol	14.593	184	353673	92.35	ng		92
55) Dibenzofuran	14.875	168	1974780	41.66	ng		98
56) 4-Nitrophenol	14.693	139	586955	87.93	ng	#	81
57) 2,4-Dinitrotoluene	14.840	165	481397	42.14	ng	#	84
58) Fluorene	15.522	166	1532291	41.18	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	433838	46.03	ng		94
60) Diethylphthalate	15.298	149	1510237	40.65	ng		98
61) 4-Chlorophenyl-phenyle...	15.516	204	818577	40.42	ng		95
62) 4-Nitroaniline	15.540	138	308951	33.20	ng		89
63) Azobenzene	15.810	77	1374448	38.85	ng		90
65) 4,6-Dinitro-2-methylph...	15.610	198	250011	54.53	ng		92
66) n-Nitrosodiphenylamine	15.734	169	1326175	45.74	ng		99
67) 4-Bromophenyl-phenylether	16.416	248	504615	44.01	ng		98
68) Hexachlorobenzene	16.534	284	578624	42.30	ng		98
69) Atrazine	16.692	200	402967	42.96	ng		98
70) Pentachlorophenol	16.887	266	644367	99.39	ng		99
71) Phenanthrene	17.275	178	2336489	42.24	ng		100
72) Anthracene	17.363	178	2387559	45.70	ng		99
73) Carbazole	17.639	167	2112242	43.65	ng		100
74) Di-n-butylphthalate	18.192	149	2400138	45.73	ng		99
75) Fluoranthene	19.245	202	2887364	45.45	ng		100
77) Benzidine	19.422	184	1287054	73.08	ng		98
78) Pyrene	19.598	202	2947026	42.48	ng		99
80) Butylbenzylphthalate	20.475	149	1109721	42.99	ng		89
81) Benzo(a)anthracene	21.310	228	3110910	44.51	ng		100
82) 3,3'-Dichlorobenzidine	21.239	252	468751	22.03	ng		99
83) Chrysene	21.363	228	2980339	44.26	ng		99
84) Bis(2-ethylhexyl)phtha...	21.233	149	1667972	41.67	ng		99
85) Di-n-octyl phthalate	22.145	149	3039675	46.24	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.116	276	4559547	49.24	ng		98
88) Benzo(b)fluoranthene	22.969	252	3661351	45.87	ng		99
89) Benzo(k)fluoranthene	23.016	252	3441690	43.43	ng		99
90) Benzo(a)pyrene	23.580	252	3348646	46.02	ng		99
91) Dibenzo(a,h)anthracene	26.127	278	3715737	48.81	ng		98
92) Benzo(g,h,i)perylene	26.857	276	3855197	51.87	ng		98

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

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