Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100920\
Data File : BP003593.D
Acq On : 09 Oct 2020 14:57
Operator : CG/JU
Sample : L4316-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 11929MS

Quant Time: Oct 09 16:29:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 15:55:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.475	152	43033	20.00	ng		0.00
21) Naphthalene-d8	10.252	136	160486	20.00	ng		0.00
39) Acenaphthene-d10	14.140	164	102212	20.00	ng		0.00
64) Phenanthrene-d10	16.898	188	227098	20.00	ng		0.00
76) Chrysene-d12	21.010	240	271944	20.00	ng	#	0.00
86) Perylene-d12	23.174	264	311550	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.099	112	257332	104.42	ng		0.00
7) Phenol-d6	6.693	99	311516	94.83	ng		0.00
23) Nitrobenzene-d5	8.628	82	209090	76.54	ng		0.00
42) 2,4,6-Tribromophenol	15.645	330	192597	123.54	ng		0.00
45) 2-Fluorobiphenyl	12.752	172	528192	75.58	ng		0.00
79) Terphenyl-d14	19.481	244	887808	68.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.981	88	34171	33.74	ng	#	97
3) Pyridine	3.370	79	93473	34.66	ng		94
4) n-Nitrosodimethylamine	3.293	42	38714	48.00	ng	#	68
6) Aniline	6.811	93	103993	27.57	ng		91
8) 2-Chlorophenol	7.052	128	116154	42.32	ng		92
9) Benzaldehyde	6.628	77	22305	12.18	ng	#	84
10) Phenol	6.717	94	134448	42.85	ng		80
11) bis(2-Chloroethyl)ether	6.911	93	97532	39.23	ng		96
12) 1,3-Dichlorobenzene	7.364	146	129586	39.49	ng	#	94
13) 1,4-Dichlorobenzene	7.511	146	132915	40.04	ng		96
14) 1,2-Dichlorobenzene	7.822	146	126060	39.56	ng		96
15) Benzyl Alcohol	7.734	79	101398	46.45	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.011	45	61774	34.17	ng		78
17) 2-Methylphenol	7.952	107	94526	41.66	ng	#	89
18) Hexachloroethane	8.540	117	48452	39.17	ng		97
19) n-Nitroso-di-n-propyla...	8.287	70	72663	41.29	ng		95
20) 3+4-Methylphenols	8.287	107	124436	41.21	ng	#	70
22) Acetophenone	8.299	105	163729	41.54	ng	#	90
24) Nitrobenzene	8.675	77	117627	43.03	ng	#	85
25) Isophorone	9.199	82	208335	41.61	ng		93
26) 2-Nitrophenol	9.387	139	64364	43.11	ng	#	72
27) 2,4-Dimethylphenol	9.469	122	103343	48.95	ng		89
28) bis(2-Chloroethoxy)met...	9.681	93	124417	37.34	ng		99
29) 2,4-Dichlorophenol	9.940	162	112594	42.68	ng		97
30) 1,2,4-Trichlorobenzene	10.122	180	127564	40.75	ng		100
31) Naphthalene	10.299	128	341583	40.29	ng		99
32) Benzoic acid	9.687	122	41135	31.19	ng	#	79
33) 4-Chloroaniline	10.434	127	73965	20.54	ng	#	91
34) Hexachlorobutadiene	10.593	225	89796	42.03	ng		100
35) Caprolactam	11.210	113	33615	38.18	ng		93
36) 4-Chloro-3-methylphenol	11.599	107	120331	42.30	ng		89
37) 2-Methylnaphthalene	11.928	142	248292	40.43	ng	#	94
38) 1-Methylnaphthalene	12.152	142	232257	39.83	ng		99
40) 1,2,4,5-Tetrachloroben...	12.316	216	150544	44.99	ng		100
41) Hexachlorocyclopentadiene	12.293	237	56778	56.25	ng		99
43) 2,4,6-Trichlorophenol	12.575	196	92208	42.62	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	96993	43.58	ng	#	96
46) 1,1'-Biphenyl	12.963	154	323056	42.38	ng		98
47) 2-Chloronaphthalene	13.004	162	252572	40.01	ng		97
48) 2-Nitroaniline	13.222	65	67861	42.48	ng	#	72
49) Acenaphthylene	13.857	152	393522	40.80	ng		99
50) Dimethylphthalate	13.604	163	398478	48.82	ng		100
51) 2,6-Dinitrotoluene	13.728	165	73306	41.90	ng	#	72
52) Acenaphthene	14.204	154	237027	40.38	ng		100
53) 3-Nitroaniline	14.069	138	39172	20.66	ng	#	82
54) 2,4-Dinitrophenol	14.310	184	58699	71.73	ng	#	82
55) Dibenzofuran	14.546	168	389230	41.54	ng		95
56) 4-Nitrophenol	14.440	139	79770	68.85	ng	#	49
57) 2,4-Dinitrotoluene	14.540	165	103553	42.68	ng	#	55
58) Fluorene	15.198	166	317243	42.87	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.793	232	93303	44.58	ng		94
60) Diethylphthalate	14.981	149	334009	40.12	ng		99
61) 4-Chlorophenyl-phenyle...	15.193	204	174827	43.28	ng		99
62) 4-Nitroaniline	15.240	138	60672	30.16	ng	#	60
63) Azobenzene	15.487	77	266952	42.06	ng		90
65) 4,6-Dinitro-2-methylph...	15.322	198	52483	43.80	ng		96
66) n-Nitrosodiphenylamine	15.410	169	280379	42.03	ng		100
67) 4-Bromophenyl-phenylether	16.087	248	121218	44.16	ng		97
68) Hexachlorobenzene	16.216	284	147165	45.13	ng		97
69) Atrazine	16.375	200	82243	31.43	ng		98
70) Pentachlorophenol	16.575	266	105494	75.75	ng		96
71) Phenanthrene	16.940	178	508320	41.14	ng		100
72) Anthracene	17.034	178	520634	42.75	ng		99
73) Carbazole	17.310	167	459361	39.72	ng		99
74) Di-n-butylphthalate	17.875	149	565775	38.26	ng	#	99
75) Fluoranthene	18.928	202	647180	41.66	ng		98
77) Benzidine	19.116	184	246102	29.18	ng		99
78) Pyrene	19.281	202	655120	38.63	ng		100
80) Butylbenzylphthalate	20.163	149	265195	34.18	ng		91
81) Benzo(a)anthracene	20.992	228	690959	39.30	ng		100
82) 3,3'-Dichlorobenzidine	20.928	252	196311	28.89	ng	#	99
83) Chrysene	21.045	228	670663	39.71	ng		99
84) Bis(2-ethylhexyl)phtha...	20.928	149	408100	37.36	ng		99
85) Di-n-octyl phthalate	21.775	149	705286	35.33	ng	#	98
87) Indeno(1,2,3-cd)pyrene	25.369	276	1018689	43.14	ng	#	92
88) Benzo(b)fluoranthene	22.527	252	793569	40.34	ng	#	97
89) Benzo(k)fluoranthene	22.569	252	775734	41.14	ng	#	97
90) Benzo(a)pyrene	23.080	252	722423	38.94	ng	#	97
91) Dibenzo(a,h)anthracene	25.369	278	857398	44.00	ng	#	95
92) Benzo(g,h,i)perylene	26.039	276	851547	43.77	ng	#	92

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

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