Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102820\
Data File : BP003770.D
Acq On : 28 Oct 2020 14:59
Operator : CG/JU
Sample : L4529-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-T3MS

Quant Time: Oct 28 15:49:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 16:22:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.510	152	123973	20.00	ng	0.00
21) Naphthalene-d8	11.351	136	450645	20.00	ng	# 0.00
39) Acenaphthene-d10	15.110	164	288713	20.00	ng	0.00
64) Phenanthrene-d10	17.833	188	630514	20.00	ng	0.00
76) Chrysene-d12	21.857	240	659025	20.00	ng	# 0.01
86) Perylene-d12	24.433	264	688186	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.010	112	803306	108.35	ng	0.00
7) Phenol-d6	7.663	99	1030726	98.40	ng	0.00
23) Nitrobenzene-d5	9.675	82	632859	59.41	ng	0.00
42) 2,4,6-Tribromophenol	16.586	330	465839	103.42	ng	0.00
45) 2-Fluorobiphenyl	13.739	172	1307451	58.54	ng	0.00
79) Terphenyl-d14	20.304	244	2020575	53.92	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.669	88	124237	39.22	ng	# 90
3) Pyridine	4.111	79	357480	39.90	ng	93
4) n-Nitrosodimethylamine	4.005	42	148480	38.85	ng	# 71
6) Aniline	7.804	93	385470	33.16	ng	# 89
8) 2-Chlorophenol	8.075	128	354594	48.04	ng	85
9) Benzaldehyde	7.604	77	120073	20.54	ng	# 79
10) Phenol	7.693	94	489029	49.02	ng	87
11) bis(2-Chloroethyl)ether	7.887	93	360516	45.54	ng	94
12) 1,3-Dichlorobenzene	8.404	146	419287	44.05	ng	# 92
13) 1,4-Dichlorobenzene	8.546	146	426451	44.36	ng	95
14) 1,2-Dichlorobenzene	8.881	146	405649	44.54	ng	95
15) Benzyl Alcohol	8.740	79	348378	43.51	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	9.034	45	332381	42.37	ng	98
17) 2-Methylphenol	8.963	107	314730	47.63	ng	# 92
18) Hexachloroethane	9.634	117	156808	42.33	ng	92
19) n-Nitroso-di-n-propyla...	9.310	70	270380	42.25	ng	# 88
20) 3+4-Methylphenols	9.287	107	418773	47.08	ng	93
22) Acetophenone	9.328	105	560035	42.46	ng	# 90
24) Nitrobenzene	9.722	77	417883	40.74	ng	# 80
25) Isophorone	10.246	82	742492	43.25	ng	# 90
26) 2-Nitrophenol	10.446	139	191985	50.12	ng	# 72
27) 2,4-Dimethylphenol	10.504	122	322823	53.66	ng	88
28) bis(2-Chloroethoxy)met...	10.716	93	450852	41.17	ng	98
29) 2,4-Dichlorophenol	10.998	162	357852	45.35	ng	96
30) 1,2,4-Trichlorobenzene	11.222	180	420382	41.57	ng	99
31) Naphthalene	11.404	128	1065674	43.87	ng	99
32) Benzoic acid	10.651	122	186855	44.68	ng	# 69
33) 4-Chloroaniline	11.487	127	242128	24.18	ng	# 89
34) Hexachlorobutadiene	11.716	225	296856	38.90	ng	99
35) Caprolactam	12.216	113	105213	45.53	ng	# 69
36) 4-Chloro-3-methylphenol	12.592	107	378766	44.24	ng	84
37) 2-Methylnaphthalene	12.969	142	772387	43.82	ng	# 97
38) 1-Methylnaphthalene	13.187	142	713492	42.82	ng	98
40) 1,2,4,5-Tetrachloroben...	13.345	216	500320	43.76	ng	98
41) Hexachlorocyclopentadiene	13.339	237	682011	103.03	ng	99
43) 2,4,6-Trichlorophenol	13.569	196	309066	45.43	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.645	196	326314	46.17	ng		97
46) 1,1'-Biphenyl	13.945	154	989359	43.94	ng		98
47) 2-Chloronaphthalene	13.998	162	793113	42.12	ng		99
48) 2-Nitroaniline	14.175	65	222229	39.97	ng	#	63
49) Acenaphthylene	14.839	152	1183973	44.05	ng		99
50) Dimethylphthalate	14.534	163	1200997	50.62	ng		100
51) 2,6-Dinitrotoluene	14.651	165	218968	45.38	ng	#	77
52) Acenaphthene	15.175	154	870141	47.97	ng		88
53) 3-Nitroaniline	14.981	138	144371	30.48	ng	#	66
54) 2,4-Dinitrophenol	15.186	184	246610	89.58	ng	#	1
55) Dibenzofuran	15.504	168	1194009	43.53	ng		98
56) 4-Nitrophenol	15.298	139	345906	97.59	ng	#	63
57) 2,4-Dinitrotoluene	15.433	165	300016	45.95	ng	#	75
58) Fluorene	16.145	166	964522	43.59	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.733	232	310934	45.87	ng		89
60) Diethylphthalate	15.881	149	963629	41.46	ng		97
61) 4-Chlorophenyl-phenyle...	16.122	204	560916	41.92	ng		93
62) 4-Nitroaniline	16.139	138	210573	40.08	ng	#	73
63) Azobenzene	16.410	77	879581	40.26	ng		88
65) 4,6-Dinitro-2-methylph...	16.204	198	185027	55.66	ng		94
66) n-Nitrosodiphenylamine	16.328	169	850766	45.32	ng		99
67) 4-Bromophenyl-phenylether	17.010	248	365884	43.34	ng		96
68) Hexachlorobenzene	17.175	284	416533	42.88	ng		95
69) Atrazine	17.251	200	276206	37.74	ng		98
70) Pentachlorophenol	17.504	266	498229	103.84	ng		99
71) Phenanthrene	17.875	178	1537163	43.87	ng		99
72) Anthracene	17.963	178	1575928	46.57	ng		99
73) Carbazole	18.210	167	1362126	45.24	ng		99
74) Di-n-butylphthalate	18.716	149	1587601	43.20	ng	#	99
75) Fluoranthene	19.792	202	1888339	43.87	ng		98
77) Benzidine	19.933	184	742290	47.01	ng		99
78) Pyrene	20.139	202	1910680	43.29	ng		99
80) Butylbenzylphthalate	20.945	149	692170	42.81	ng	#	82
81) Benzo(a)anthracene	21.839	228	1893534	43.10	ng		98
82) 3,3'-Dichlorobenzidine	21.739	252	459258	29.85	ng	#	98
83) Chrysene	21.892	228	1825640	43.83	ng		98
84) Bis(2-ethylhexyl)phtha...	21.698	149	1006216	43.48	ng		98
85) Di-n-octyl phthalate	22.663	149	1689998	44.99	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.121	276	2277960	46.12	ng	#	92
88) Benzo(b)fluoranthene	23.645	252	1965544	40.93	ng	#	98
89) Benzo(k)fluoranthene	23.698	252	1926632	42.04	ng	#	97
90) Benzo(a)pyrene	24.321	252	1763576	41.19	ng	#	96
91) Dibenzo(a,h)anthracene	27.121	278	1936709	46.91	ng	#	94
92) Benzo(g,h,i)perylene	27.950	276	1897831	49.59	ng	#	92

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

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