Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100720\
Data File : BP003561.D
Acq On : 07 Oct 2020 19:59
Operator : CG/JU
Sample : L4272-25MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SC-2-(6.5)MS

Quant Time: Oct 08 01:52:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.487	152	90366	20.00	ng		-0.01
21) Naphthalene-d8	10.263	136	352139	20.00	ng		#-0.01
39) Acenaphthene-d10	14.151	164	198364	20.00	ng		0.00
64) Phenanthrene-d10	16.910	188	366457	20.00	ng		# 0.00
76) Chrysene-d12	21.016	240	289660	20.00	ng		-0.01
86) Perylene-d12	23.186	264	327016	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.105	112	371692	71.82	ng		0.00
7) Phenol-d6	6.699	99	530735	76.94	ng		0.00
23) Nitrobenzene-d5	8.646	82	366676	61.17	ng		0.00
42) 2,4,6-Tribromophenol	15.657	330	169102	55.89	ng		0.00
45) 2-Fluorobiphenyl	12.763	172	691120	50.96	ng		-0.01
79) Terphenyl-d14	19.492	244	766443	55.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.999	88	72632	34.15	ng		98
3) Pyridine	3.387	79	194031	34.27	ng		96
4) n-Nitrosodimethylamine	3.311	42	73230	43.23	ng		76
6) Aniline	6.828	93	188253	23.77	ng		90
8) 2-Chlorophenol	7.064	128	248458	43.11	ng		89
9) Benzaldehyde	6.646	77	56736	14.75	ng		83
10) Phenol	6.728	94	306234	46.48	ng		87
11) bis(2-Chloroethyl)ether	6.922	93	235222	45.05	ng		95
12) 1,3-Dichlorobenzene	7.381	146	278356	40.39	ng	#	93
13) 1,4-Dichlorobenzene	7.522	146	280686	40.26	ng	#	94
14) 1,2-Dichlorobenzene	7.840	146	267467	39.97	ng		95
15) Benzyl Alcohol	7.746	79	225668	49.23	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.028	45	172129	45.34	ng		89
17) 2-Methylphenol	7.964	107	207683	43.59	ng	#	93
18) Hexachloroethane	8.552	117	109802	42.27	ng		94
19) n-Nitroso-di-n-propyla...	8.299	70	172362	46.64	ng	#	94
20) 3+4-Methylphenols	8.293	107	272713	43.01	ng	#	86
22) Acetophenone	8.316	105	368633	42.63	ng	#	93
24) Nitrobenzene	8.687	77	278504	46.44	ng	#	84
25) Isophorone	9.211	82	487606	44.39	ng	#	90
26) 2-Nitrophenol	9.399	139	134587	41.09	ng	#	75
27) 2,4-Dimethylphenol	9.475	122	220522	47.60	ng		89
28) bis(2-Chloroethoxy)met...	9.693	93	303753	41.54	ng		98
29) 2,4-Dichlorophenol	9.952	162	221375	38.24	ng		94
30) 1,2,4-Trichlorobenzene	10.140	180	251353	36.60	ng		97
31) Naphthalene	10.310	128	740641	39.82	ng		99
32) Benzoic acid	9.687	122	24830	15.22	ng	#	88
33) 4-Chloroaniline	10.458	127	71722	9.08	ng	#	91
34) Hexachlorobutadiene	10.605	225	166480	35.51	ng		100
35) Caprolactam	11.222	113	63714	32.98	ng		84
36) 4-Chloro-3-methylphenol	11.605	107	241639	38.72	ng		88
37) 2-Methylnaphthalene	11.940	142	509088	37.78	ng	#	95
38) 1-Methylnaphthalene	12.163	142	473102	36.98	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.328	216	271427	41.79	ng	#	98
41) Hexachlorocyclopentadiene	12.304	237	162765	72.95	ng		98
43) 2,4,6-Trichlorophenol	12.587	196	153830	36.64	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.681	196	162921	37.72	ng	#	94
46) 1,1'-Biphenyl	12.975	154	627118	42.39	ng		98
47) 2-Chloronaphthalene	13.016	162	492180	40.17	ng		96
48) 2-Nitroaniline	13.234	65	137218	44.26	ng	#	68
49) Acenaphthylene	13.869	152	740471	39.56	ng		99
50) Dimethylphthalate	13.616	163	657340	41.50	ng		100
51) 2,6-Dinitrotoluene	13.740	165	126776	37.34	ng	#	71
52) Acenaphthene	14.216	154	446516	39.20	ng		100
53) 3-Nitroaniline	14.081	138	48347	13.14	ng	#	74
54) 2,4-Dinitrophenol	14.322	184	53551	37.56	ng	#	80
55) Dibenzofuran	14.551	168	694078	38.17	ng		93
56) 4-Nitrophenol	14.440	139	117708	52.35	ng	#	58
57) 2,4-Dinitrotoluene	14.551	165	164914	35.02	ng	#	50
58) Fluorene	15.210	166	549264	38.25	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.804	232	126583	31.17	ng		96
60) Diethylphthalate	14.993	149	569401	35.24	ng		99
61) 4-Chlorophenyl-phenyle...	15.204	204	287090	36.62	ng		95
62) 4-Nitroaniline	15.251	138	101738	26.06	ng	#	65
63) Azobenzene	15.498	77	544775	44.23	ng		89
65) 4,6-Dinitro-2-methylph...	15.340	198	60225	31.14	ng		87
66) n-Nitrosodiphenylamine	15.422	169	474862	44.11	ng		100
67) 4-Bromophenyl-phenylether	16.098	248	177648	40.11	ng		91
68) Hexachlorobenzene	16.228	284	203004	38.58	ng		95
69) Atrazine	16.387	200	121527	28.78	ng		99
70) Pentachlorophenol	16.587	266	99033	46.90	ng		99
71) Phenanthrene	16.951	178	799499	40.10	ng		99
72) Anthracene	17.045	178	814058	41.43	ng		100
73) Carbazole	17.322	167	699837	37.50	ng		98
74) Di-n-butylphthalate	17.887	149	875507	36.69	ng	#	98
75) Fluoranthene	18.939	202	854411	34.08	ng		99
77) Benzidine	19.128	184	229791	25.58	ng		100
78) Pyrene	19.292	202	868140	48.06	ng		100
80) Butylbenzylphthalate	20.175	149	340766	41.23	ng	#	85
81) Benzo(a)anthracene	21.004	228	740718	39.56	ng		99
82) 3,3'-Dichlorobenzidine	20.939	252	158034	21.84	ng		99
83) Chrysene	21.057	228	724532	40.28	ng		99
84) Bis(2-ethylhexyl)phtha...	20.939	149	481781	41.41	ng		98
85) Di-n-octyl phthalate	21.786	149	780348	36.70	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.386	276	1139760	45.98	ng		98
88) Benzo(b)fluoranthene	22.539	252	790799	38.29	ng		99
89) Benzo(k)fluoranthene	22.580	252	793653	40.10	ng		99
90) Benzo(a)pyrene	23.092	252	753984	38.72	ng		99
91) Dibenzo(a,h)anthracene	25.386	278	952748	46.58	ng		98
92) Benzo(g,h,i)perylene	26.051	276	992664	48.61	ng		97

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

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