Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101920\
Data File : BP003663.D
Acq On : 19 Oct 2020 11:04
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 19 13:02:01 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 19 12:58:31 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	113743	20.00	ng		0.00
21) Naphthalene-d8	11.375	136	413037	20.00	ng	#	0.00
39) Acenaphthene-d10	15.122	164	277744	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	643113	20.00	ng		0.00
76) Chrysene-d12	21.851	240	714443	20.00	ng	#	0.00
86) Perylene-d12	24.415	264	703823	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.016	112	148549	22.45	ng		0.00
7) Phenol-d6	7.669	99	209371	21.72	ng		0.00
23) Nitrobenzene-d5	9.693	82	205179	23.03	ng		0.00
42) 2,4,6-Tribromophenol	16.592	330	90213	24.36	ng		0.00
45) 2-Fluorobiphenyl	13.751	172	463551	21.90	ng		0.00
79) Terphenyl-d14	20.304	244	831315	21.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	32110	11.33	ng	#	89
3) Pyridine	4.128	79	88936	10.77	ng	#	86
4) n-Nitrosodimethylamine	4.022	42	39271	11.07	ng	#	58
6) Aniline	7.822	93	116732	10.35	ng	#	87
8) 2-Chlorophenol	8.087	128	74846	11.13	ng	#	80
9) Benzaldehyde	7.622	77	66624	11.07	ng	#	76
10) Phenol	7.693	94	101614	10.92	ng		75
11) bis(2-Chloroethyl)ether	7.905	93	81270	10.88	ng		90
12) 1,3-Dichlorobenzene	8.422	146	98096	11.22	ng	#	91
13) 1,4-Dichlorobenzene	8.563	146	99214	11.31	ng		95
14) 1,2-Dichlorobenzene	8.899	146	92680	11.01	ng	#	94
15) Benzyl Alcohol	8.752	79	79383	10.25	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	9.052	45	80473	10.52	ng		97
17) 2-Methylphenol	8.975	107	67291	10.67	ng	#	87
18) Hexachloroethane	9.652	117	36997	10.85	ng		95
19) n-Nitroso-di-n-propyla...	9.322	70	65129	10.14	ng	#	84
20) 3+4-Methylphenols	9.299	107	90423	10.77	ng		89
22) Acetophenone	9.340	105	128565	10.54	ng	#	87
24) Nitrobenzene	9.734	77	101538	11.58	ng	#	77
25) Isophorone	10.257	82	166951	10.04	ng	#	88
26) 2-Nitrophenol	10.463	139	35111	13.24	ng	#	70
27) 2,4-Dimethylphenol	10.516	122	58264	10.64	ng	#	80
28) bis(2-Chloroethoxy)met...	10.728	93	108348	10.60	ng	#	97
29) 2,4-Dichlorophenol	11.016	162	77453	11.33	ng		94
30) 1,2,4-Trichlorobenzene	11.234	180	98481	10.86	ng		99
31) Naphthalene	11.422	128	239072	10.80	ng		99
32) Benzoic acid	10.604	122	25763	10.16	ng	#	64
33) 4-Chloroaniline	11.504	127	98565	10.31	ng	#	85
34) Hexachlorobutadiene	11.734	225	75658	11.25	ng		98
35) Caprolactam	12.198	113	22031	10.17	ng	#	60
36) 4-Chloro-3-methylphenol	12.598	107	83186	10.66	ng	#	83
37) 2-Methylnaphthalene	12.987	142	175670	10.66	ng	#	94
38) 1-Methylnaphthalene	13.204	142	165825m	10.71	ng		
40) 1,2,4,5-Tetrachloroben...	13.357	216	117230	11.13	ng		99
41) Hexachlorocyclopentadiene	13.357	237	63749	10.86	ng		98
43) 2,4,6-Trichlorophenol	13.581	196	67528	11.56	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	71160	11.60	ng	#	94
46) 1,1'-Biphenyl	13.963	154	233099	10.86	ng		97
47) 2-Chloronaphthalene	14.010	162	194444	10.88	ng		98
48) 2-Nitroaniline	14.187	65	54825	12.35	ng	#	56
49) Acenaphthylene	14.845	152	275597	10.59	ng		100
50) Dimethylphthalate	14.539	163	248355	10.89	ng		99
51) 2,6-Dinitrotoluene	14.657	165	49394	12.03	ng	#	57
52) Acenaphthene	15.187	154	185550	10.94	ng		93
53) 3-Nitroaniline	14.986	138	47242	11.41	ng	#	55
54) 2,4-Dinitrophenol	15.187	184	17567	10.91	ng	#	1
55) Dibenzofuran	15.510	168	285785	10.84	ng		98
56) 4-Nitrophenol	15.286	139	34593	11.63	ng	#	42
57) 2,4-Dinitrotoluene	15.439	165	64621	12.16	ng	#	65
58) Fluorene	16.157	166	233295	10.94	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.739	232	66765	11.84	ng		93
60) Diethylphthalate	15.886	149	244547	10.91	ng		98
61) 4-Chlorophenyl-phenyle...	16.128	204	140788	11.15	ng		96
62) 4-Nitroaniline	16.134	138	53221	11.55	ng	#	52
63) Azobenzene	16.422	77	229799	10.65	ng		86
65) 4,6-Dinitro-2-methylph...	16.210	198	28350	11.40	ng		91
66) n-Nitrosodiphenylamine	16.334	169	201862	10.51	ng		98
67) 4-Bromophenyl-phenylether	17.016	248	89804	10.64	ng		98
68) Hexachlorobenzene	17.181	284	105068	10.90	ng		98
69) Atrazine	17.257	200	79632	10.64	ng		95
70) Pentachlorophenol	17.504	266	42377	9.66	ng		97
71) Phenanthrene	17.880	178	381444	10.68	ng		99
72) Anthracene	17.969	178	365756	10.50	ng		99
73) Carbazole	18.210	167	330746	10.51	ng		99
74) Di-n-butylphthalate	18.716	149	388808	10.14	ng	#	98
75) Fluoranthene	19.792	202	474523	10.73	ng		97
77) Benzidine	19.933	184	196661	11.74	ng		99
78) Pyrene	20.139	202	487311	10.26	ng		98
80) Butylbenzylphthalate	20.939	149	172133	10.38	ng	#	79
81) Benzo(a)anthracene	21.827	228	503406	10.48	ng		99
82) 3,3'-Dichlorobenzidine	21.733	252	181416	10.68	ng	#	96
83) Chrysene	21.886	228	479963	10.56	ng		98
84) Bis(2-ethylhexyl)phtha...	21.692	149	250918	9.97	ng		99
85) Di-n-octyl phthalate	22.651	149	409670	10.08	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.086	276	543085	10.17	ng	#	91
88) Benzo(b)fluoranthene	23.627	252	505070	10.33	ng	#	96
89) Benzo(k)fluoranthene	23.674	252	481568	10.49	ng	#	96
90) Benzo(a)pyrene	24.298	252	454043	10.31	ng	#	96
91) Dibenzo(a,h)anthracene	27.086	278	450739	10.12	ng	#	94
92) Benzo(g,h,i)perylene	27.915	276	422008	10.04	ng	#	91

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

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