Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092220\
Data File : BG046682.D
Acq On : 22 Sep 2020 17:25
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
9/23/2020 10:44:51 AM

Quant Time: Sep 22 20:51:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 20:50:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.123	152	60594	20.00	ng		0.00
21) Naphthalene-d8	10.937	136	225591	20.00	ng		0.00
39) Acenaphthene-d10	14.744	164	159639	20.00	ng		0.00
64) Phenanthrene-d10	17.488	188	361290	20.00	ng		0.00
76) Chrysene-d12	21.771	240	406893	20.00	ng	#	0.00
86) Perylene-d12	25.056	264	419050	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.679	112	83695	24.46	ng		0.00
7) Phenol-d6	7.259	99	124762	25.73	ng		0.00
23) Nitrobenzene-d5	9.280	82	84794	21.48	ng		0.00
42) 2,4,6-Tribromophenol	16.225	330	41887	19.37	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	254506	24.34	ng		0.00
79) Terphenyl-d14	20.097	244	476788	24.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.587	88	20234	14.22	ng	#	87
3) Pyridine	3.981	79	60246	14.47	ng	#	92
4) n-Nitrosodimethylamine	3.898	42	29401	19.14	ng	#	72
6) Aniline	7.441	93	73657	13.50	ng		94
8) 2-Chlorophenol	7.682	128	42368	11.72	ng		87
9) Benzaldehyde	7.253	77	42134	15.51	ng		85
10) Phenol	7.288	94	61732	13.82	ng		83
11) bis(2-Chloroethyl)ether	7.541	93	46667	13.00	ng		91
12) 1,3-Dichlorobenzene	8.017	146	55692	12.13	ng	#	89
13) 1,4-Dichlorobenzene	8.158	146	53880	11.72	ng		92
14) 1,2-Dichlorobenzene	8.481	146	49994m	11.34	ng		
15) Benzyl Alcohol	8.352	79	49025	15.75	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.657	45	82684	14.85	ng		97
17) 2-Methylphenol	8.552	107	37488	11.83	ng	#	85
18) Hexachloroethane	9.216	117	21074	13.52	ng		89
19) n-Nitroso-di-n-propyla...	8.922	70	41856	14.43	ng	#	89
20) 3+4-Methylphenols	8.875	107	51084	11.68	ng		88
22) Acetophenone	8.945	105	74052	13.49	ng	#	92
24) Nitrobenzene	9.327	77	47687	12.23	ng		88
25) Isophorone	9.850	82	102328	14.14	ng	#	93
26) 2-Nitrophenol	10.038	139	15348	7.46	ng	#	78
27) 2,4-Dimethylphenol	10.085	122	37232	13.16	ng		94
28) bis(2-Chloroethoxy)met...	10.332	93	63768	13.69	ng		97
29) 2,4-Dichlorophenol	10.567	162	44372	11.76	ng		99
30) 1,2,4-Trichlorobenzene	10.796	180	54172	12.10	ng		99
31) Naphthalene	10.984	128	135937	12.34	ng		98
32) Benzoic acid	10.150	122	18017	10.27	ng		96
33) 4-Chloroaniline	11.084	127	61888	12.74	ng	#	93
34) Hexachlorobutadiene	11.272	225	38371	13.21	ng		97
35) Caprolactam	11.824	113	14570	10.33	ng	#	64
36) 4-Chloro-3-methylphenol	12.189	107	47893	12.98	ng	#	84
37) 2-Methylnaphthalene	12.582	142	100286	11.54	ng		97
38) 1-Methylnaphthalene	12.800	142	94940m	11.54	ng		
40) 1,2,4,5-Tetrachloroben...	12.947	216	60991	11.59	ng	#	95
41) Hexachlorocyclopentadiene	12.929	237	34461	15.05	ng		98
43) 2,4,6-Trichlorophenol	13.176	196	36807	10.36	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.240	196	38301	10.26	ng	#	84
46) 1,1'-Biphenyl	13.581	154	133287	12.00	ng		94
47) 2-Chloronaphthalene	13.628	162	108811	11.55	ng		96
48) 2-Nitroaniline	13.810	65	22485	8.60	ng		83
49) Acenaphthylene	14.468	152	161262	11.29	ng		96
50) Dimethylphthalate	14.192	163	139595	11.30	ng		96
51) 2,6-Dinitrotoluene	14.304	165	18411	6.76	ng	#	69
52) Acenaphthene	14.809	154	106080	11.98	ng		95
53) 3-Nitroaniline	14.633	138	21753	7.38	ng	#	80
54) 2,4-Dinitrophenol	14.833	184	10351	6.51	ng	#	34
55) Dibenzofuran	15.144	168	167665	11.80	ng		97
56) 4-Nitrophenol	14.921	139	18573	8.56	ng	#	62
57) 2,4-Dinitrotoluene	15.091	165	22940	5.91	ng	#	83
58) Fluorene	15.790	166	130765	10.97	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.361	232	37272m	10.28	ng		
60) Diethylphthalate	15.555	149	142570	11.84	ng		94
61) 4-Chlorophenyl-phenyle...	15.784	204	76014	11.58	ng		96
62) 4-Nitroaniline	15.790	138	24637	7.92	ng	#	76
63) Azobenzene	16.078	77	140439	14.34	ng		91
65) 4,6-Dinitro-2-methylph...	15.849	198	13150	6.43	ng		84
66) n-Nitrosodiphenylamine	15.996	169	120835	12.40	ng		96
67) 4-Bromophenyl-phenylether	16.677	248	51135	12.13	ng		90
68) Hexachlorobenzene	16.789	284	53914	11.55	ng		97
69) Atrazine	16.936	200	49283	12.39	ng		99
70) Pentachlorophenol	17.130	266	28609	11.73	ng		92
71) Phenanthrene	17.529	178	218963	11.96	ng		94
72) Anthracene	17.623	178	219512	12.15	ng		96
73) Carbazole	17.882	167	197892	11.60	ng		98
74) Di-n-butylphthalate	18.452	149	246338	12.56	ng	#	97
75) Fluoranthene	19.533	202	285729	12.12	ng		97
77) Benzidine	19.709	184	143701	15.20	ng		96
78) Pyrene	19.897	202	289385	11.17	ng		96
80) Butylbenzylphthalate	20.790	149	109814	10.87	ng	#	87
81) Benzo(a)anthracene	21.748	228	304980	12.03	ng		97
82) 3,3'-Dichlorobenzidine	21.666	252	116302	12.36	ng		94
83) Chrysene	21.818	228	290024	11.89	ng		98
84) Bis(2-ethylhexyl)phtha...	21.677	149	162778	11.80	ng		92
85) Di-n-octyl phthalate	22.923	149	278051	11.77	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.804	276	339979	11.30	ng	#	89
88) Benzo(b)fluoranthene	24.016	252	300669	11.49	ng		98
89) Benzo(k)fluoranthene	24.081	252	297305m	11.76	ng		
90) Benzo(a)pyrene	24.897	252	281294	11.52	ng	#	97
91) Dibenzo(a,h)anthracene	28.881	278	280974	11.57	ng	#	96
92) Benzo(g,h,i)perylene	29.980	276	271027	11.17	ng	#	94

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

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