Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092220\
Data File : BG046688.D
Acq On : 22 Sep 2020 21:26
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG092220

Quant Time: Sep 22 22:01:44 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 21:47:28 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.125	152	70512	20.00	ng		0.00
21) Naphthalene-d8	10.939	136	255761	20.00	ng		# 0.00
39) Acenaphthene-d10	14.747	164	176253	20.00	ng		0.00
64) Phenanthrene-d10	17.491	188	404347	20.00	ng		0.00
76) Chrysene-d12	21.774	240	426337	20.00	ng		0.00
86) Perylene-d12	25.064	264	447272	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	331544	75.33	ng		0.00
7) Phenol-d6	7.267	99	475210	76.54	ng		0.00
23) Nitrobenzene-d5	9.288	82	403406	83.91	ng		0.00
42) 2,4,6-Tribromophenol	16.227	330	185621	79.87	ng		0.00
45) 2-Fluorobiphenyl	13.378	172	933038	74.94	ng		0.00
79) Terphenyl-d14	20.099	244	1609820	75.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.583	88	77003	37.49	ng	#	88
3) Pyridine	3.983	79	224657	38.67	ng		92
4) n-Nitrosodimethylamine	3.895	42	112947	37.15	ng		77
6) Aniline	7.443	93	281631	37.54	ng		93
8) 2-Chlorophenol	7.690	128	166471	37.95	ng		92
9) Benzaldehyde	7.255	77	146758	43.39	ng		83
10) Phenol	7.297	94	228849	37.03	ng		81
11) bis(2-Chloroethyl)ether	7.543	93	178523	37.38	ng		92
12) 1,3-Dichlorobenzene	8.019	146	209339	36.96	ng	#	92
13) 1,4-Dichlorobenzene	8.160	146	210258	37.46	ng		97
14) 1,2-Dichlorobenzene	8.483	146	199701	38.15	ng		93
15) Benzyl Alcohol	8.354	79	192702	37.75	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.648	45	313309	37.38	ng		95
17) 2-Methylphenol	8.554	107	148094	37.32	ng	#	91
18) Hexachloroethane	9.218	117	78786	37.21	ng		92
19) n-Nitroso-di-n-propyla...	8.930	70	159531	37.47	ng		88
20) 3+4-Methylphenols	8.877	107	205121	37.92	ng		91
22) Acetophenone	8.948	105	281636	37.91	ng	#	90
24) Nitrobenzene	9.329	77	217498	41.45	ng		89
25) Isophorone	9.852	82	396203	37.75	ng	#	93
26) 2-Nitrophenol	10.040	139	82984	43.74	ng	#	83
27) 2,4-Dimethylphenol	10.093	122	143833	37.93	ng		92
28) bis(2-Chloroethoxy)met...	10.334	93	244610	37.79	ng		97
29) 2,4-Dichlorophenol	10.575	162	179632	39.38	ng		98
30) 1,2,4-Trichlorobenzene	10.798	180	212202	38.97	ng		97
31) Naphthalene	10.986	128	528550	38.10	ng		100
32) Benzoic acid	10.211	122	105228	40.86	ng	#	80
33) 4-Chloroaniline	11.086	127	229880	37.41	ng	#	91
34) Hexachlorobutadiene	11.274	225	153953	38.56	ng		98
35) Caprolactam	11.850	113	56947	36.86	ng	#	64
36) 4-Chloro-3-methylphenol	12.191	107	186661	38.06	ng		94
37) 2-Methylnaphthalene	12.585	142	389699	37.89	ng	#	94
38) 1-Methylnaphthalene	12.802	142	362952	38.02	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.949	216	241831	38.17	ng	#	97
41) Hexachlorocyclopentadiene	12.931	237	136481	37.03	ng		100
43) 2,4,6-Trichlorophenol	13.178	196	157557	39.54	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.243	196	157754	39.34	ng	#	92
46) 1,1'-Biphenyl	13.583	154	508964	37.56	ng		95
47) 2-Chloronaphthalene	13.630	162	413788	37.58	ng		96
48) 2-Nitroaniline	13.818	65	131844	45.10	ng	#	77
49) Acenaphthylene	14.471	152	606096	37.40	ng		98
50) Dimethylphthalate	14.200	163	532787	37.84	ng		99
51) 2,6-Dinitrotoluene	14.312	165	98017	42.84	ng	#	64
52) Acenaphthene	14.811	154	421573	38.31	ng		93
53) 3-Nitroaniline	14.641	138	111339	43.06	ng	#	77
54) 2,4-Dinitrophenol	14.841	184	52895	42.33	ng	#	77
55) Dibenzofuran	15.146	168	621711	37.42	ng		98
56) 4-Nitrophenol	14.929	139	89511	42.04	ng	#	68
57) 2,4-Dinitrotoluene	15.093	165	133899	44.20	ng	#	71
58) Fluorene	15.793	166	494644	37.17	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.364	232	154514	38.55	ng	#	92
60) Diethylphthalate	15.563	149	525712	37.14	ng		97
61) 4-Chlorophenyl-phenyle...	15.787	204	284650	37.47	ng		96
62) 4-Nitroaniline	15.798	138	115608	40.27	ng	#	64
63) Azobenzene	16.075	77	510141	36.67	ng		88
65) 4,6-Dinitro-2-methylph...	15.857	198	71383	42.53	ng		86
66) n-Nitrosodiphenylamine	15.998	169	448904	36.95	ng		98
67) 4-Bromophenyl-phenylether	16.680	248	192624	37.70	ng		95
68) Hexachlorobenzene	16.797	284	204415	37.19	ng		94
69) Atrazine	16.944	200	183273	37.55	ng		97
70) Pentachlorophenol	17.132	266	126746	39.94	ng		94
71) Phenanthrene	17.532	178	820262	37.36	ng		98
72) Anthracene	17.626	178	815284	37.64	ng		98
73) Carbazole	17.890	167	731116	37.09	ng		99
74) Di-n-butylphthalate	18.454	149	905300	37.37	ng	#	98
75) Fluoranthene	19.535	202	1034405	37.00	ng		97
77) Benzidine	19.711	184	491741	37.42	ng		98
78) Pyrene	19.899	202	1046133	38.17	ng		99
80) Butylbenzylphthalate	20.787	149	420958	39.75	ng	#	86
81) Benzo(a)anthracene	21.756	228	1070871	37.62	ng		99
82) 3,3'-Dichlorobenzidine	21.662	252	416407	37.69	ng		99
83) Chrysene	21.821	228	1019024	37.47	ng		99
84) Bis(2-ethylhexyl)phtha...	21.674	149	590271	37.94	ng		94
85) Di-n-octyl phthalate	22.925	149	1031597	38.56	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.824	276	1224257	37.00	ng	#	85
88) Benzo(b)fluoranthene	24.018	252	1091688	37.24	ng		97
89) Benzo(k)fluoranthene	24.089	252	1044273	37.06	ng	#	97
90) Benzo(a)pyrene	24.911	252	1031783	37.41	ng	#	97
91) Dibenzo(a,h)anthracene	28.901	278	1008963	37.27	ng	#	95
92) Benzo(g,h,i)perylene	29.999	276	975205	36.84	ng	#	94

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

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