Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110520\
Data File : BG047223.D
Acq On : 5 Nov 2020 14:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
11/6/2020 10:32:13 AM

Quant Time: Nov 05 17:53:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.009	152	44229	20.00	ng		0.00
21) Naphthalene-d8	10.818	136	170243	20.00	ng	#	0.00
39) Acenaphthene-d10	14.643	164	125593	20.00	ng		0.00
64) Phenanthrene-d10	17.387	188	307619	20.00	ng	#	0.00
76) Chrysene-d12	21.652	240	323620	20.00	ng	#	0.00
86) Perylene-d12	24.843	264	338927	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.559	112	223376	81.86	ng		0.00
7) Phenol-d6	7.157	99	330099	83.57	ng		0.00
23) Nitrobenzene-d5	9.167	82	326661	82.35	ng		0.00
42) 2,4,6-Tribromophenol	16.129	330	180469	85.81	ng		0.00
45) 2-Fluorobiphenyl	13.268	172	792743	80.96	ng		0.00
79) Terphenyl-d14	19.995	244	1528502	83.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.426	88	53295	39.44	ng	#	93
3) Pyridine	3.832	79	150609	41.67	ng		95
4) n-Nitrosodimethylamine	3.744	42	74413	41.06	ng	#	70
6) Aniline	7.328	93	189234	40.58	ng		94
8) 2-Chlorophenol	7.569	128	122780	42.38	ng		95
9) Benzaldehyde	7.140	77	109794	41.32	ng		90
10) Phenol	7.187	94	159153	42.47	ng		81
11) bis(2-Chloroethyl)ether	7.422	93	119008	40.04	ng		97
12) 1,3-Dichlorobenzene	7.892	146	151658	40.22	ng	#	92
13) 1,4-Dichlorobenzene	8.039	146	151244	39.94	ng		98
14) 1,2-Dichlorobenzene	8.362	146	143092	39.85	ng		95
15) Benzyl Alcohol	8.238	79	130736	43.07	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.538	45	188208	41.03	ng		97
17) 2-Methylphenol	8.444	107	103642	40.87	ng	#	90
18) Hexachloroethane	9.096	117	56840	41.00	ng		96
19) n-Nitroso-di-n-propyla...	8.808	70	110128	42.43	ng		92
20) 3+4-Methylphenols	8.773	107	144075	42.42	ng		87
22) Acetophenone	8.826	105	200409	40.83	ng	#	93
24) Nitrobenzene	9.214	77	166022	41.13	ng	#	88
25) Isophorone	9.731	82	281943	41.48	ng		94
26) 2-Nitrophenol	9.925	139	73107	41.99	ng	#	76
27) 2,4-Dimethylphenol	9.983	122	96977	41.49	ng		92
28) bis(2-Chloroethoxy)met...	10.218	93	166539	40.48	ng		98
29) 2,4-Dichlorophenol	10.459	162	134715	41.71	ng		98
30) 1,2,4-Trichlorobenzene	10.677	180	161891	40.66	ng		99
31) Naphthalene	10.871	128	399086	40.94	ng		99
32) Benzoic acid	10.107	122	81677	40.43	ng	#	80
33) 4-Chloroaniline	10.971	127	169319	41.30	ng	#	94
34) Hexachlorobutadiene	11.153	225	118205	39.24	ng		95
35) Caprolactam	11.734	113	46806	44.35	ng	#	87
36) 4-Chloro-3-methylphenol	12.087	107	143481	43.59	ng		91
37) 2-Methylnaphthalene	12.475	142	302830	41.34	ng	#	93
38) 1-Methylnaphthalene	12.692	142	286953	41.22	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.839	216	200822	40.50	ng		99
41) Hexachlorocyclopentadiene	12.821	237	103825	40.40	ng		93
43) 2,4,6-Trichlorophenol	13.074	196	132285	41.03	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.144	196	134125	40.98	ng	#	94
46) 1,1'-Biphenyl	13.473	154	403855	39.28	ng		95
47) 2-Chloronaphthalene	13.520	162	339454	40.47	ng		99
48) 2-Nitroaniline	13.720	65	118687	42.70	ng	#	80
49) Acenaphthylene	14.367	152	496081	40.44	ng		98
50) Dimethylphthalate	14.096	163	456658	41.17	ng		99
51) 2,6-Dinitrotoluene	14.214	165	99361	43.19	ng	#	73
52) Acenaphthene	14.707	154	323510	41.25	ng		99
53) 3-Nitroaniline	14.543	138	97425	42.54	ng	#	80
54) 2,4-Dinitrophenol	14.748	184	63524	43.04	ng	#	78
55) Dibenzofuran	15.042	168	526670	40.84	ng		97
56) 4-Nitrophenol	14.842	139	80298	45.27	ng	#	63
57) 2,4-Dinitrotoluene	15.001	165	142892	42.54	ng	#	76
58) Fluorene	15.689	166	431210	41.60	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.265	232	146351m	42.58	ng		
60) Diethylphthalate	15.454	149	454677	41.50	ng		97
61) 4-Chlorophenyl-phenyle...	15.683	204	249871	40.71	ng		98
62) 4-Nitroaniline	15.706	138	106495	43.30	ng	#	62
63) Azobenzene	15.976	77	399151	40.65	ng		92
65) 4,6-Dinitro-2-methylph...	15.765	198	86973	40.67	ng		85
66) n-Nitrosodiphenylamine	15.894	169	386123	40.81	ng		95
67) 4-Bromophenyl-phenylether	16.576	248	174576	40.63	ng		97
68) Hexachlorobenzene	16.693	284	193524	41.46	ng		95
69) Atrazine	16.840	200	171004	42.25	ng		97
70) Pentachlorophenol	17.034	266	115692	45.48	ng		96
71) Phenanthrene	17.428	178	727409	40.75	ng		97
72) Anthracene	17.522	178	716602	41.32	ng		98
73) Carbazole	17.786	167	636254	41.56	ng		99
74) Di-n-butylphthalate	18.344	149	784356	41.89	ng	#	97
75) Fluoranthene	19.437	202	934838	41.11	ng		97
77) Benzidine	19.613	184	447726	41.25	ng		99
78) Pyrene	19.801	202	935882	41.53	ng		97
80) Butylbenzylphthalate	20.683	149	355908	41.86	ng		93
81) Benzo(a)anthracene	21.629	228	950773	41.45	ng		97
82) 3,3'-Dichlorobenzidine	21.546	252	330192	41.60	ng		99
83) Chrysene	21.693	228	906440	41.05	ng		98
84) Bis(2-ethylhexyl)phtha...	21.529	149	497908	41.87	ng		96
85) Di-n-octyl phthalate	22.733	149	838961	41.97	ng		96
87) Indeno(1,2,3-cd)pyrene	28.474	276	1077917	41.90	ng	#	89
88) Benzo(b)fluoranthene	23.832	252	970175	41.93	ng	#	98
89) Benzo(k)fluoranthene	23.897	252	927599	41.04	ng	#	96
90) Benzo(a)pyrene	24.690	252	893069	41.36	ng	#	97
91) Dibenzo(a,h)anthracene	28.538	278	867122	41.41	ng	#	96
92) Benzo(g,h,i)perylene	29.613	276	864848	41.65	ng	#	92

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

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