Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
Data File : BG044688.D
Acq On : 5 Mar 2020 17:43
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG030520

Manual Integrations APPROVED
mohammad
3/6/2020 10:17:41 PM

Quant Time: Mar 05 18:24:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 17:42:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	67690	20.00	ng		0.01
21) Naphthalene-d8	10.88	136	273038	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	196490	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	446014	20.00	ng		0.00
76) Chrysene-d12	21.72	240	391540	20.00	ng		0.00
87) Perylene-d12	24.95	264	464910	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	337540	74.89	ng		0.00
7) Phenol-d6	7.22	99	512894	75.28	ng		0.01
23) Nitrobenzene-d5	9.22	82	497533	82.97	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	206885	76.65	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1072787	76.06	ng		0.00
79) Terphenyl-d14	20.06	244	1694376	77.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	79555	36.824	ng		97
3) Pyridine	3.92	79	247026	36.878	ng		99
4) n-Nitrosodimethylamine	3.83	42	102191	36.066	ng		86
6) Aniline	7.38	93	318958	37.373	ng		99
8) 2-Chlorophenol	7.63	128	171434	37.529	ng		99
9) Benzaldehyde	7.19	77	155512	36.601	ng		99
10) Phenol	7.24	94	249792	37.221	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	195145	37.843	ng		99
12) 1,3-Dichlorobenzene	7.96	146	202714	37.313	ng		97
13) 1,4-Dichlorobenzene	8.11	146	203194	37.437	ng		96
14) 1,2-Dichlorobenzene	8.42	146	193008	37.619	ng		95
15) Benzyl Alcohol	8.30	79	220592	37.532	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	351579	36.087	ng		98
17) 2-Methylphenol	8.50	107	170059	36.982	ng		97
18) Hexachloroethane	9.16	117	84097	38.631	ng		93
19) n-Nitroso-di-n-propylamine	8.87	70	182193	35.798	ng		99
20) 3+4-Methylphenols	8.83	107	237581	37.088	ng		100
22) Acetophenone	8.89	105	301953	37.883	ng		98
24) Nitrobenzene	9.27	77	256403	40.327	ng		98
25) Isophorone	9.80	82	502924	38.030	ng		98
26) 2-Nitrophenol	9.98	139	88905	41.227	ng		97
27) 2,4-Dimethylphenol	10.04	122	159376	38.413	ng		95
28) bis(2-Chloroethoxy)methane	10.28	93	286623	38.498	ng		97
29) 2,4-Dichlorophenol	10.51	162	185589	39.314	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	212053	38.670	ng		99
31) Naphthalene	10.93	128	595951	38.893	ng		97
32) Benzoic acid	10.17	122	130806	41.846	ng	#	79
33) 4-Chloroaniline	11.03	127	263302	37.308	ng		97
34) Hexachlorobutadiene	11.22	225	145116	38.734	ng		94
35) Caprolactam	11.79	113	74438	37.774	ng		95
36) 4-Chloro-3-methylphenol	12.14	107	227150	37.995	ng		95
37) 2-Methylnaphthalene	12.53	142	439665	38.023	ng		97
38) 1-Methylnaphthalene	12.75	142	414929	37.959	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	241055	37.790	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	136323	36.548	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	170872	38.641	ng		92
44) 2,4,5-Trichlorophenol	13.20	196	172903	38.126	ng		92
46) 1,1'-Biphenyl	13.54	154	586105	37.503	ng		99
47) 2-Chloronaphthalene	13.58	162	446022	37.415	ng		99
48) 2-Nitroaniline	13.76	65	166096	39.551	ng		99
49) Acenaphthylene	14.42	152	719796	37.688	ng		100
50) Dimethylphthalate	14.16	163	620211	37.968	ng		99
51) 2,6-Dinitrotoluene	14.26	165	122565	41.756	ng		97
52) Acenaphthene	14.77	154	469653	38.031	ng		99
53) 3-Nitroaniline	14.59	138	137646	40.691	ng		91
54) 2,4-Dinitrophenol	14.79	184	53808	38.213	ng	#	40
55) Dibenzofuran	15.10	168	691273	37.358	ng		99
56) 4-Nitrophenol	14.89	139	109700	41.680	ng		98
57) 2,4-Dinitrotoluene	15.05	165	167679	40.895	ng		98
58) Fluorene	15.75	166	573514	37.473	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	168431m	39.023	ng		
60) Diethylphthalate	15.53	149	652127	37.340	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	309060	37.215	ng		97
62) 4-Nitroaniline	15.75	138	144711	38.840	ng		95
63) Azobenzene	16.04	77	679780	37.194	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	75595	40.073	ng		93
66) n-Nitrosodiphenylamine	15.95	169	516544	37.878	ng		100
67) 4-Bromophenyl-phenylether	16.64	248	212932	37.854	ng		96
68) Hexachlorobenzene	16.76	284	229531	37.790	ng		98
69) Atrazine	16.90	200	206171	39.122	ng		99
70) Pentachlorophenol	17.09	266	140715	40.828	ng		92
71) Phenanthrene	17.49	178	936659	38.300	ng		98
72) Anthracene	17.58	178	921852	38.270	ng		99
73) Carbazole	17.84	167	880958	38.189	ng		97
74) Di-n-butylphthalate	18.42	149	1122144	38.624	ng		99
75) Fluoranthene	19.49	202	1127221	38.137	ng		99
77) Benzidine	19.67	184	555447	35.538	ng		96
78) Pyrene	19.86	202	1133779	37.964	ng		99
80) Butylbenzylphthalate	20.75	149	525734	39.439	ng		97
81) Benzo(a)anthracene	21.70	228	1114198	37.947	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	443431	37.930	ng		98
83) Chrysene	21.77	228	1052454	37.658	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	715936	38.513	ng		98
85) Di-n-octyl phthalate	22.87	149	1250078	39.159	ng		99
86) Indeno(1,2,3-cd)pyrene	28.62	276	1374968	37.251	ng	#	96
88) Benzo(b)fluoranthene	23.93	252	1198679	37.883	ng		99
89) Benzo(k)fluoranthene	24.00	252	1139319	38.414	ng		99
90) Benzo(a)pyrene	24.80	252	1107718	37.588	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	1095708	37.287	ng		98
92) Benzo(g,h,i)perylene	29.77	276	1108293	37.652	ng		98

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

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