Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032421\
Data File : BG048485.D
Acq On : 24 Mar 2021 10:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/25/2021 11:49:47 AM

Quant Time: Mar 24 12:36:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 24 12:36:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	43389	20.00	ng		0.00
21) Naphthalene-d8	10.923	136	167233	20.00	ng	#	0.00
39) Acenaphthene-d10	14.748	164	116982	20.00	ng		0.00
64) Phenanthrene-d10	17.492	188	273905	20.00	ng	#	0.00
76) Chrysene-d12	21.787	240	240659	20.00	ng	#	0.00
86) Perylene-d12	25.118	264	266383	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.647	112	215601	82.17	ng		0.00
7) Phenol-d6	7.251	99	317307	83.11	ng		0.00
23) Nitrobenzene-d5	9.272	82	333803	79.81	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	155299	81.63	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	665894	81.89	ng		0.00
79) Terphenyl-d14	20.100	244	1136277	85.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.526	88	42020	37.96	ng	#	89
3) Pyridine	3.931	79	123047	39.87	ng		86
4) n-Nitrosodimethylamine	3.837	42	68282	38.07	ng	#	69
6) Aniline	7.421	93	185353	41.05	ng		92
8) 2-Chlorophenol	7.662	128	117031	42.77	ng		94
9) Benzaldehyde	7.233	77	84669	40.77	ng		83
10) Phenol	7.280	94	159602	40.80	ng		72
11) bis(2-Chloroethyl)ether	7.515	93	112642	41.09	ng		97
12) 1,3-Dichlorobenzene	7.991	146	127162	39.07	ng	#	82
13) 1,4-Dichlorobenzene	8.138	146	131444	40.68	ng	#	92
14) 1,2-Dichlorobenzene	8.461	146	123663m	39.90	ng		
15) Benzyl Alcohol	8.338	79	137677	40.62	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.626	45	121615	38.80	ng		82
17) 2-Methylphenol	8.538	107	103751	41.82	ng	#	84
18) Hexachloroethane	9.196	117	52618	42.34	ng		86
19) n-Nitroso-di-n-propyla...	8.908	70	118812	41.93	ng	#	96
20) 3+4-Methylphenols	8.867	107	150747	44.36	ng		92
22) Acetophenone	8.925	105	189433	40.28	ng	#	92
24) Nitrobenzene	9.313	77	175527	39.17	ng	#	86
25) Isophorone	9.836	82	320706	40.06	ng	#	91
26) 2-Nitrophenol	10.024	139	67268	39.50	ng	#	58
27) 2,4-Dimethylphenol	10.077	122	110945	41.75	ng		86
28) bis(2-Chloroethoxy)met...	10.318	93	148730	40.99	ng		99
29) 2,4-Dichlorophenol	10.565	162	125631	40.74	ng		95
30) 1,2,4-Trichlorobenzene	10.782	180	137181	36.80	ng		98
31) Naphthalene	10.976	128	369827	39.89	ng		99
32) Benzoic acid	10.212	122	89123	43.09	ng	#	77
33) 4-Chloroaniline	11.076	127	164237	41.43	ng	#	91
34) Hexachlorobutadiene	11.258	225	98775	33.43	ng		99
35) Caprolactam	11.851	113	45508	41.33	ng	#	87
36) 4-Chloro-3-methylphenol	12.192	107	152581	42.62	ng		85
37) 2-Methylnaphthalene	12.574	142	292214	41.29	ng	#	90
38) 1-Methylnaphthalene	12.791	142	275459	41.38	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.938	216	158471	37.10	ng	#	96
41) Hexachlorocyclopentadiene	12.921	237	103406	37.44	ng		97
43) 2,4,6-Trichlorophenol	13.173	196	116508	40.24	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	127774	40.10	ng	#	89
46) 1,1'-Biphenyl	13.579	154	350968	41.80	ng		97
47) 2-Chloronaphthalene	13.626	162	292846	43.26	ng		96
48) 2-Nitroaniline	13.820	65	113244	45.20	ng	#	72
49) Acenaphthylene	14.466	152	466236	42.54	ng		98
50) Dimethylphthalate	14.190	163	384397	40.37	ng		99
51) 2,6-Dinitrotoluene	14.307	165	86361	42.15	ng	#	47
52) Acenaphthene	14.807	154	317643m	43.12	ng		
53) 3-Nitroaniline	14.642	138	85009	43.33	ng	#	71
54) 2,4-Dinitrophenol	14.848	184	55058	44.03	ng	#	67
55) Dibenzofuran	15.142	168	465627	42.44	ng		95
56) 4-Nitrophenol	14.942	139	74154	42.24	ng	#	45
57) 2,4-Dinitrotoluene	15.095	165	123135	42.32	ng	#	62
58) Fluorene	15.794	166	368800	40.05	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.365	232	119662	38.05	ng	#	89
60) Diethylphthalate	15.553	149	411585	44.22	ng		94
61) 4-Chlorophenyl-phenyle...	15.782	204	206012	38.89	ng	#	90
62) 4-Nitroaniline	15.806	138	90024	41.89	ng	#	47
63) Azobenzene	16.076	77	419669	41.44	ng		89
65) 4,6-Dinitro-2-methylph...	15.858	198	81020	46.97	ng		74
66) n-Nitrosodiphenylamine	15.994	169	346029	43.61	ng		99
67) 4-Bromophenyl-phenylether	16.675	248	133190	38.61	ng	#	89
68) Hexachlorobenzene	16.798	284	147435	39.89	ng	#	93
69) Atrazine	16.939	200	132119	41.40	ng		94
70) Pentachlorophenol	17.139	266	99735	40.59	ng		98
71) Phenanthrene	17.539	178	617048	42.65	ng		96
72) Anthracene	17.627	178	608858	42.41	ng		98
73) Carbazole	17.897	167	598325	43.71	ng		97
74) Di-n-butylphthalate	18.449	149	684316	45.16	ng	#	96
75) Fluoranthene	19.548	202	754189	39.15	ng		95
77) Benzidine	19.719	184	350721	48.65	ng		98
78) Pyrene	19.907	202	752907	45.55	ng		96
80) Butylbenzylphthalate	20.788	149	294718	50.17	ng	#	84
81) Benzo(a)anthracene	21.769	228	706355	42.32	ng		98
82) 3,3'-Dichlorobenzidine	21.675	252	273632	45.43	ng		93
83) Chrysene	21.840	228	676579	42.28	ng		97
84) Bis(2-ethylhexyl)phtha...	21.663	149	417416	51.43	ng		95
85) Di-n-octyl phthalate	22.921	149	706362	51.97	ng		97
87) Indeno(1,2,3-cd)pyrene	28.955	276	819800	40.35	ng	#	80
88) Benzo(b)fluoranthene	24.061	252	760369	40.51	ng	#	98
89) Benzo(k)fluoranthene	24.131	252	712202	40.21	ng	#	97
90) Benzo(a)pyrene	24.965	252	702878	41.06	ng	#	96
91) Dibenzo(a,h)anthracene	29.019	278	708319	40.87	ng	#	94
92) Benzo(g,h,i)perylene	30.153	276	685392	40.76	ng	#	92

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

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