Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041421\
Data File : BG048698.D
Acq On : 14 Apr 2021 19:02
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG041421

Manual Integrations APPROVED
mohammad
4/15/2021 11:45:22 AM

Quant Time: Apr 15 02:04:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 01:59:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.080	152	23656	20.00	ng		# 0.00
21) Naphthalene-d8	10.906	136	90951	20.00	ng		# 0.00
39) Acenaphthene-d10	14.737	164	62534	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	152407	20.00	ng		# 0.00
76) Chrysene-d12	21.799	240	143630	20.00	ng		0.00
86) Perylene-d12	25.130	264	146329	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.636	112	108626	76.80	ng		0.00
7) Phenol-d6	7.240	99	154945	77.45	ng		0.00
23) Nitrobenzene-d5	9.255	82	164676	81.06	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	70274	83.81	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	356358	82.30	ng		0.00
79) Terphenyl-d14	20.107	244	639188	76.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.497	88	22402	40.42	ng		99
3) Pyridine	3.908	79	59194	40.98	ng		89
4) n-Nitrosodimethylamine	3.820	42	45683	41.42	ng	#	93
6) Aniline	7.398	93	89473	39.85	ng		96
8) 2-Chlorophenol	7.651	128	58022	38.67	ng		92
9) Benzaldehyde	7.216	77	49964	37.69	ng		89
10) Phenol	7.269	94	75305	38.28	ng		94
11) bis(2-Chloroethyl)ether	7.498	93	50674	38.22	ng		91
12) 1,3-Dichlorobenzene	7.974	146	67448	39.10	ng		93
13) 1,4-Dichlorobenzene	8.121	146	67522	38.41	ng		96
14) 1,2-Dichlorobenzene	8.444	146	65025	40.08	ng		97
15) Benzyl Alcohol	8.321	79	68554	38.89	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.614	45	56768	39.50	ng		93
17) 2-Methylphenol	8.526	107	48420	38.55	ng		86
18) Hexachloroethane	9.178	117	25451	36.85	ng		95
19) n-Nitroso-di-n-propyla...	8.891	70	53303	39.49	ng		99
20) 3+4-Methylphenols	8.855	107	67284	38.83	ng		97
22) Acetophenone	8.914	105	93212	39.37	ng	#	96
24) Nitrobenzene	9.302	77	84897	41.90	ng		91
25) Isophorone	9.825	82	146352	40.74	ng		96
26) 2-Nitrophenol	10.013	139	34674	39.53	ng		90
27) 2,4-Dimethylphenol	10.066	122	54580	40.48	ng		90
28) bis(2-Chloroethoxy)met...	10.301	93	63987	40.88	ng		92
29) 2,4-Dichlorophenol	10.559	162	59619	39.21	ng		91
30) 1,2,4-Trichlorobenzene	10.771	180	71118	40.33	ng		87
31) Naphthalene	10.959	128	184093	39.45	ng		97
32) Benzoic acid	10.230	122	28339	35.87	ng	#	83
33) 4-Chloroaniline	11.065	127	75623	38.94	ng		97
34) Hexachlorobutadiene	11.241	225	51815	39.58	ng		93
35) Caprolactam	11.846	113	20965	40.57	ng		92
36) 4-Chloro-3-methylphenol	12.193	107	70168	40.75	ng		96
37) 2-Methylnaphthalene	12.569	142	147206	39.47	ng		99
38) 1-Methylnaphthalene	12.786	142	138543	39.93	ng		100
40) 1,2,4,5-Tetrachloroben...	12.933	216	85198	41.86	ng		99
41) Hexachlorocyclopentadiene	12.909	237	41403	40.42	ng		93
43) 2,4,6-Trichlorophenol	13.174	196	56680	41.72	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	60608	42.01	ng		90
46) 1,1'-Biphenyl	13.567	154	190868	41.32	ng		94
47) 2-Chloronaphthalene	13.614	162	141964	40.23	ng		97
48) 2-Nitroaniline	13.814	65	53339	42.07	ng		90
49) Acenaphthylene	14.466	152	221339	40.21	ng		96
50) Dimethylphthalate	14.184	163	189165	40.33	ng		98
51) 2,6-Dinitrotoluene	14.308	165	43032	39.76	ng		95
52) Acenaphthene	14.801	154	144769	41.41	ng		98
53) 3-Nitroaniline	14.643	138	42275	40.69	ng		93
54) 2,4-Dinitrophenol	14.848	184	23886	39.62	ng		93
55) Dibenzofuran	15.136	168	237586	41.06	ng		98
56) 4-Nitrophenol	14.960	139	31548	40.99	ng		96
57) 2,4-Dinitrotoluene	15.095	165	63807	40.60	ng	#	93
58) Fluorene	15.788	166	192418	40.49	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.365	232	56054	42.00	ng		98
60) Diethylphthalate	15.547	149	199536	41.12	ng		96
61) 4-Chlorophenyl-phenyle...	15.777	204	106485	40.74	ng		96
62) 4-Nitroaniline	15.812	138	43596	39.25	ng		90
63) Azobenzene	16.070	77	199329	40.79	ng		95
65) 4,6-Dinitro-2-methylph...	15.865	198	41352	40.53	ng		94
66) n-Nitrosodiphenylamine	15.994	169	172592	40.07	ng		96
67) 4-Bromophenyl-phenylether	16.676	248	70746	40.33	ng		94
68) Hexachlorobenzene	16.793	284	72883	41.02	ng		95
69) Atrazine	16.940	200	71095	39.69	ng		96
70) Pentachlorophenol	17.140	266	39077	41.27	ng		96
71) Phenanthrene	17.539	178	318956	40.32	ng		96
72) Anthracene	17.627	178	311975	39.86	ng		98
73) Carbazole	17.898	167	293113	39.10	ng		99
74) Di-n-butylphthalate	18.450	149	335953	39.97	ng		99
75) Fluoranthene	19.549	202	396228	39.61	ng		99
77) Benzidine	19.725	184	170918	43.82	ng		98
78) Pyrene	19.913	202	392420	39.49	ng		99
80) Butylbenzylphthalate	20.788	149	151652	39.03	ng		95
81) Benzo(a)anthracene	21.775	228	384473	39.17	ng		98
82) 3,3'-Dichlorobenzidine	21.687	252	131789	39.16	ng		97
83) Chrysene	21.846	228	361123	38.63	ng		100
84) Bis(2-ethylhexyl)phtha...	21.664	149	216641	39.83	ng		99
85) Di-n-octyl phthalate	22.921	149	360630	38.94	ng		100
87) Indeno(1,2,3-cd)pyrene	28.973	276	432770	40.27	ng	#	97
88) Benzo(b)fluoranthene	24.073	252	403514	40.65	ng		96
89) Benzo(k)fluoranthene	24.143	252	376817m	40.36	ng		
90) Benzo(a)pyrene	24.978	252	368550	40.30	ng		99
91) Dibenzo(a,h)anthracene	29.043	278	361980	39.27	ng		99
92) Benzo(g,h,i)perylene	30.183	276	360022	39.56	ng		100

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

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