Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
Data File : BG048034.D
Acq On : 27 Jan 2021 18:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/28/2021 11:46:35 AM

Quant Time: Jan 27 23:29:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.123	152	39099	20.00	ng		0.00
21) Naphthalene-d8	10.938	136	145219	20.00	ng		# 0.00
39) Acenaphthene-d10	14.745	164	107798	20.00	ng		0.00
64) Phenanthrene-d10	17.489	188	278625	20.00	ng		0.00
76) Chrysene-d12	21.766	240	303349	20.00	ng		# 0.00
86) Perylene-d12	25.045	264	312530	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.679	112	201560	79.23	ng		0.00
7) Phenol-d6	7.272	99	310019	80.15	ng		0.00
23) Nitrobenzene-d5	9.287	82	306284	83.45	ng		0.00
42) 2,4,6-Tribromophenol	16.232	330	157851	87.92	ng		0.00
45) 2-Fluorobiphenyl	13.376	172	692561	83.06	ng		0.00
79) Terphenyl-d14	20.092	244	1382846	79.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.570	88	45652	40.25	ng		94
3) Pyridine	3.970	79	138849	40.79	ng		90
4) n-Nitrosodimethylamine	3.875	42	65334	41.54	ng	#	75
6) Aniline	7.442	93	180154	38.55	ng		94
8) 2-Chlorophenol	7.689	128	103857	39.00	ng		89
9) Benzaldehyde	7.260	77	80056	40.35	ng		84
10) Phenol	7.295	94	146555	39.53	ng		77
11) bis(2-Chloroethyl)ether	7.536	93	111541	38.41	ng		93
12) 1,3-Dichlorobenzene	8.012	146	127806	39.76	ng	#	92
13) 1,4-Dichlorobenzene	8.159	146	126641m	39.30	ng		
14) 1,2-Dichlorobenzene	8.482	146	119219	38.76	ng		93
15) Benzyl Alcohol	8.358	79	128901	39.39	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.652	45	145796	35.77	ng		92
17) 2-Methylphenol	8.558	107	95065	37.94	ng	#	88
18) Hexachloroethane	9.216	117	47184	37.53	ng		96
19) n-Nitroso-di-n-propyla...	8.928	70	105905	37.51	ng	#	92
20) 3+4-Methylphenols	8.881	107	131986	38.07	ng		92
22) Acetophenone	8.946	105	181919	40.65	ng	#	94
24) Nitrobenzene	9.328	77	153046	41.64	ng	#	85
25) Isophorone	9.857	82	255055	38.73	ng	#	91
26) 2-Nitrophenol	10.045	139	64216	42.46	ng	#	73
27) 2,4-Dimethylphenol	10.098	122	88939	40.47	ng		89
28) bis(2-Chloroethoxy)met...	10.333	93	158419	39.98	ng		98
29) 2,4-Dichlorophenol	10.579	162	121897	43.11	ng		96
30) 1,2,4-Trichlorobenzene	10.797	180	143769	42.06	ng		96
31) Naphthalene	10.991	128	345096	41.10	ng		99
32) Benzoic acid	10.221	122	84634	43.00	ng	#	82
33) 4-Chloroaniline	11.091	127	156460	40.77	ng	#	94
34) Hexachlorobutadiene	11.273	225	102363	42.16	ng		99
35) Caprolactam	11.860	113	43455	40.38	ng		97
36) 4-Chloro-3-methylphenol	12.195	107	129556	40.84	ng		86
37) 2-Methylnaphthalene	12.583	142	256626	40.47	ng	#	91
38) 1-Methylnaphthalene	12.800	142	244385	40.39	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.947	216	174582	42.48	ng		96
41) Hexachlorocyclopentadiene	12.930	237	101812	43.74	ng		97
43) 2,4,6-Trichlorophenol	13.182	196	122708	42.81	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.253	196	128029	43.10	ng		95
46) 1,1'-Biphenyl	13.582	154	341809	41.02	ng		98
47) 2-Chloronaphthalene	13.629	162	298338	41.14	ng		98
48) 2-Nitroaniline	13.823	65	109135	41.46	ng	#	77
49) Acenaphthylene	14.475	152	442197	41.31	ng		99
50) Dimethylphthalate	14.199	163	402455	41.25	ng		98
51) 2,6-Dinitrotoluene	14.310	165	83637	41.24	ng	#	69
52) Acenaphthene	14.810	154	301885	41.66	ng		97
53) 3-Nitroaniline	14.639	138	92485	41.57	ng	#	77
54) 2,4-Dinitrophenol	14.845	184	59846	47.19	ng	#	72
55) Dibenzofuran	15.145	168	450508	40.99	ng		97
56) 4-Nitrophenol	14.933	139	74396	42.85	ng	#	59
57) 2,4-Dinitrotoluene	15.098	165	123393	42.12	ng	#	72
58) Fluorene	15.791	166	365414	41.35	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.362	232	125600	42.29	ng	#	96
60) Diethylphthalate	15.556	149	407433	40.62	ng		94
61) 4-Chlorophenyl-phenyle...	15.785	204	224500	41.49	ng		99
62) 4-Nitroaniline	15.803	138	100825	41.60	ng	#	60
63) Azobenzene	16.073	77	375037	39.72	ng		91
65) 4,6-Dinitro-2-methylph...	15.861	198	78437	43.62	ng		93
66) n-Nitrosodiphenylamine	15.997	169	335967	40.12	ng		97
67) 4-Bromophenyl-phenylether	16.678	248	152746	41.02	ng		98
68) Hexachlorobenzene	16.796	284	168943	41.73	ng		97
69) Atrazine	16.937	200	129028	40.57	ng		93
70) Pentachlorophenol	17.131	266	109510	44.54	ng		97
71) Phenanthrene	17.530	178	653066	40.63	ng		97
72) Anthracene	17.624	178	640176	40.49	ng		97
73) Carbazole	17.888	167	601436	40.76	ng		99
74) Di-n-butylphthalate	18.447	149	713286	39.59	ng	#	97
75) Fluoranthene	19.534	202	880832	41.79	ng		97
77) Benzidine	19.710	184	369376	42.21	ng		96
78) Pyrene	19.898	202	884490	39.82	ng		97
80) Butylbenzylphthalate	20.773	149	335153	39.50	ng		89
81) Benzo(a)anthracene	21.743	228	896005	40.64	ng		99
82) 3,3'-Dichlorobenzidine	21.655	252	313613	42.22	ng	#	98
83) Chrysene	21.813	228	853044	40.72	ng		99
84) Bis(2-ethylhexyl)phtha...	21.649	149	465032	40.02	ng		95
85) Di-n-octyl phthalate	22.889	149	797973	41.05	ng		97
87) Indeno(1,2,3-cd)pyrene	28.793	276	1044263	41.54	ng	#	90
88) Benzo(b)fluoranthene	24.005	252	916287	41.25	ng	#	98
89) Benzo(k)fluoranthene	24.075	252	888802	41.18	ng	#	97
90) Benzo(a)pyrene	24.898	252	861345	41.29	ng	#	96
91) Dibenzo(a,h)anthracene	28.864	278	854340	41.18	ng	#	96
92) Benzo(g,h,i)perylene	29.968	276	834411	41.75	ng	#	93

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

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