Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047838.D
Acq On : 29 Dec 2020 16:17
Operator : CG/JU
Sample : PB133839BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB133839BSD

Manual Integrations APPROVED
mohammad
12/30/2020 2:49:56 PM

Quant Time: Dec 29 17:08:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	35647	20.00	ng	# 0.00
21) Naphthalene-d8	11.023	136	139871	20.00	ng	# 0.00
39) Acenaphthene-d10	14.819	164	110580	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	268661	20.00	ng	# 0.00
76) Chrysene-d12	21.834	240	236560	20.00	ng	# 0.00
86) Perylene-d12	25.177	264	241032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.729	112	286287	138.93	ng	0.00
7) Phenol-d6	7.345	99	389602	129.34	ng	0.00
23) Nitrobenzene-d5	9.372	82	295491	77.71	ng	0.00
42) 2,4,6-Tribromophenol	16.305	330	235423	124.71	ng	0.00
45) 2-Fluorobiphenyl	13.450	172	650045	76.07	ng	0.00
79) Terphenyl-d14	20.142	244	1127742	78.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.544	88	27302	30.84	ng	# 73
3) Pyridine	3.961	79	81003	35.45	ng	# 79
4) n-Nitrosodimethylamine	3.873	42	75972	42.02	ng	# 49
6) Aniline	7.516	93	107994	32.32	ng	97
8) 2-Chlorophenol	7.756	128	105645	50.30	ng	93
9) Benzaldehyde	7.322	77	29670	15.03	ng	95
10) Phenol	7.369	94	138409	50.68	ng	# 51
11) bis(2-Chloroethyl)ether	7.604	93	91225	46.88	ng	100
12) 1,3-Dichlorobenzene	8.085	146	119210	42.10	ng	# 82
13) 1,4-Dichlorobenzene	8.232	146	121161m	42.82	ng	
14) 1,2-Dichlorobenzene	8.561	146	119438	44.90	ng	89
15) Benzyl Alcohol	8.432	79	137771	51.63	ng	# 79
16) 2,2'-oxybis(1-Chloropr...	8.726	45	86303	44.64	ng	74
17) 2-Methylphenol	8.632	107	97321	50.50	ng	# 76
18) Hexachloroethane	9.296	117	48621	43.83	ng	92
19) n-Nitroso-di-n-propyla...	9.002	70	96464	46.02	ng	# 96
20) 3+4-Methylphenols	8.961	107	132258	50.10	ng	86
22) Acetophenone	9.026	105	173313	43.30	ng	# 87
24) Nitrobenzene	9.413	77	157546	43.89	ng	# 86
25) Isophorone	9.936	82	265364	46.28	ng	# 95
26) 2-Nitrophenol	10.130	139	63562	44.77	ng	# 51
27) 2,4-Dimethylphenol	10.177	122	109556	53.60	ng	88
28) bis(2-Chloroethoxy)met...	10.412	93	129831	43.80	ng	95
29) 2,4-Dichlorophenol	10.665	162	121232	45.55	ng	90
30) 1,2,4-Trichlorobenzene	10.882	180	141706	41.49	ng	93
31) Naphthalene	11.076	128	339265	44.13	ng	98
32) Benzoic acid	10.312	122	33392	31.11	ng	# 81
33) 4-Chloroaniline	11.170	127	52470	16.06	ng	# 92
34) Hexachlorobutadiene	11.358	225	116376	38.64	ng	96
35) Caprolactam	11.951	113	40124m	47.47	ng	
36) 4-Chloro-3-methylphenol	12.286	107	138675	47.67	ng	# 83
37) 2-Methylnaphthalene	12.668	142	272025	45.62	ng	# 91
38) 1-Methylnaphthalene	12.886	142	243830	43.26	ng	# 100
40) 1,2,4,5-Tetrachloroben...	13.033	216	193516	42.64	ng	# 97
41) Hexachlorocyclopentadiene	13.003	237	259240	105.49	ng	96
43) 2,4,6-Trichlorophenol	13.262	196	130519	45.01	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.332	196	137557	47.94	ng	#	90
46) 1,1'-Biphenyl	13.661	154	360879	42.77	ng		93
47) 2-Chloronaphthalene	13.708	162	285990	41.68	ng		97
48) 2-Nitroaniline	13.902	65	107834	42.53	ng	#	70
49) Acenaphthylene	14.548	152	445429	43.74	ng		98
50) Dimethylphthalate	14.266	163	401853	42.16	ng		99
51) 2,6-Dinitrotoluene	14.390	165	86988	44.89	ng	#	49
52) Acenaphthene	14.883	154	364918m	50.81	ng		
53) 3-Nitroaniline	14.713	138	48003	25.00	ng	#	81
54) 2,4-Dinitrophenol	14.925	184	110867	89.31	ng	#	38
55) Dibenzofuran	15.218	168	454732	43.67	ng	#	90
56) 4-Nitrophenol	15.019	139	130881	94.55	ng	#	8
57) 2,4-Dinitrotoluene	15.177	165	127215	44.16	ng	#	68
58) Fluorene	15.865	166	392263	44.35	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.442	232	133422	45.52	ng	#	96
60) Diethylphthalate	15.618	149	400493	43.58	ng		95
61) 4-Chlorophenyl-phenyle...	15.847	204	245766	44.09	ng		95
62) 4-Nitroaniline	15.876	138	80775	38.24	ng	#	20
63) Azobenzene	16.141	77	387483	45.22	ng		85
65) 4,6-Dinitro-2-methylph...	15.935	198	80606	46.96	ng		77
66) n-Nitrosodiphenylamine	16.064	169	365627	47.56	ng		94
67) 4-Bromophenyl-phenylether	16.740	248	161397	44.71	ng	#	92
68) Hexachlorobenzene	16.869	284	177838	45.41	ng		96
69) Atrazine	16.999	200	132657	41.08	ng		97
70) Pentachlorophenol	17.204	266	212645	73.60	ng		95
71) Phenanthrene	17.604	178	651150	44.96	ng		97
72) Anthracene	17.692	178	667644	47.54	ng		97
73) Carbazole	17.956	167	556389	45.25	ng		99
74) Di-n-butylphthalate	18.497	149	649042	44.78	ng	#	96
75) Fluoranthene	19.595	202	827906	42.64	ng		94
77) Benzidine	19.760	184	215295	33.84	ng		98
78) Pyrene	19.954	202	814836	48.08	ng		96
80) Butylbenzylphthalate	20.818	149	268547	46.21	ng	#	83
81) Benzo(a)anthracene	21.816	228	763883	44.96	ng		97
82) 3,3'-Dichlorobenzidine	21.717	252	167641	28.03	ng	#	97
83) Chrysene	21.881	228	725928	45.23	ng		98
84) Bis(2-ethylhexyl)phtha...	21.693	149	364244	45.47	ng		96
85) Di-n-octyl phthalate	22.945	149	613869	45.20	ng	#	96
87) Indeno(1,2,3-cd)pyrene	29.031	276	864907	47.26	ng	#	68
88) Benzo(b)fluoranthene	24.114	252	798077	48.02	ng	#	95
89) Benzo(k)fluoranthene	24.184	252	766639	47.58	ng	#	94
90) Benzo(a)pyrene	25.024	252	709012	45.85	ng	#	95
91) Dibenzo(a,h)anthracene	29.096	278	717181	48.37	ng	#	89
92) Benzo(g,h,i)perylene	30.248	276	718126	49.52	ng	#	88

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

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