Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048402.D
Acq On : 17 Mar 2021 17:49
Operator : CG/JU
Sample : M1688-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
R-LA-4-1-WCMSD

Manual Integrations APPROVED
mohammad
3/18/2021 2:31:40 PM

Quant Time: Mar 17 18:34:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 16:05:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	56594	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	231830	20.00	ng	# 0.00
39) Acenaphthene-d10	14.754	164	189441	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	421324	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	414021	20.00	ng	# 0.00
86) Perylene-d12	25.141	264	427996	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	403502	122.46	ng	0.00
7) Phenol-d6	7.262	99	572955	118.03	ng	0.00
23) Nitrobenzene-d5	9.284	82	428902	82.20	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	289226	119.33	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	881732	65.60	ng	0.00
79) Terphenyl-d14	20.112	244	1394855	65.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.537	88	46729	29.66	ng	# 90
3) Pyridine	3.937	79	145307	33.79	ng	90
4) n-Nitrosodimethylamine	3.849	42	99361	40.01	ng	# 60
6) Aniline	7.433	93	90350	15.14	ng	# 90
8) 2-Chlorophenol	7.674	128	171254	51.49	ng	86
9) Benzaldehyde	7.245	77	164043	73.67	ng	81
10) Phenol	7.286	94	255748	51.62	ng	# 66
11) bis(2-Chloroethyl)ether	7.527	93	158250	44.23	ng	93
12) 1,3-Dichlorobenzene	8.003	146	178978	42.19	ng	# 85
13) 1,4-Dichlorobenzene	8.150	146	178630m	42.12	ng	
14) 1,2-Dichlorobenzene	8.473	146	175878	42.38	ng	96
15) Benzyl Alcohol	8.349	79	213261	50.14	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.649	45	183409	41.95	ng	85
17) 2-Methylphenol	8.549	107	162900	51.41	ng	# 86
18) Hexachloroethane	9.207	117	69825	45.00	ng	97
19) n-Nitroso-di-n-propyla...	8.925	70	160750	42.98	ng	# 95
20) 3+4-Methylphenols	8.878	107	218886	51.76	ng	87
22) Acetophenone	8.937	105	275629	42.06	ng	# 90
24) Nitrobenzene	9.325	77	248959	43.76	ng	# 80
25) Isophorone	9.848	82	439421	39.25	ng	# 93
26) 2-Nitrophenol	10.041	139	96612	54.52	ng	# 67
27) 2,4-Dimethylphenol	10.088	122	184454	51.96	ng	86
28) bis(2-Chloroethoxy)met...	10.329	93	229042	45.55	ng	# 95
29) 2,4-Dichlorophenol	10.576	162	193334	50.48	ng	94
30) 1,2,4-Trichlorobenzene	10.794	180	206113	41.24	ng	96
31) Naphthalene	10.987	128	522234	41.29	ng	100
32) Benzoic acid	10.229	122	148170	66.30	ng	# 87
33) 4-Chloroaniline	11.087	127	30471	5.73	ng	# 81
34) Hexachlorobutadiene	11.269	225	161224	41.29	ng	99
35) Caprolactam	11.875	113	68665m	52.56	ng	
36) 4-Chloro-3-methylphenol	12.198	107	225859	49.29	ng	# 83
37) 2-Methylnaphthalene	12.591	142	409153	42.18	ng	# 91
38) 1-Methylnaphthalene	12.809	142	379806m	41.53	ng	
40) 1,2,4,5-Tetrachloroben...	12.950	216	284960	40.67	ng	# 97
41) Hexachlorocyclopentadiene	12.932	237	370299	96.57	ng	99
43) 2,4,6-Trichlorophenol	13.185	196	197556	48.11	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	213076	47.82	ng	#	92
46) 1,1'-Biphenyl	13.590	154	561600	40.84	ng		99
47) 2-Chloronaphthalene	13.637	162	435602	39.10	ng		95
48) 2-Nitroaniline	13.831	65	171975	47.58	ng	#	72
49) Acenaphthylene	14.477	152	749661	42.16	ng		99
50) Dimethylphthalate	14.201	163	648223	44.53	ng		97
51) 2,6-Dinitrotoluene	14.319	165	129171	46.62	ng	#	55
52) Acenaphthene	14.818	154	556098	47.55	ng		97
53) 3-Nitroaniline	14.648	138	32275	11.43	ng	#	63
54) 2,4-Dinitrophenol	14.853	184	169239	103.12	ng	#	60
55) Dibenzofuran	15.153	168	689217	38.43	ng		91
56) 4-Nitrophenol	14.947	139	215890	89.87	ng	#	39
57) 2,4-Dinitrotoluene	15.106	165	183465	44.58	ng	#	65
58) Fluorene	15.799	166	594593	39.64	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.376	232	209183	48.61	ng	#	95
60) Diethylphthalate	15.564	149	594236	42.14	ng		97
61) 4-Chlorophenyl-phenyle...	15.794	204	350281	40.64	ng		96
62) 4-Nitroaniline	15.817	138	125343	40.83	ng	#	54
63) Azobenzene	16.087	77	636098	37.02	ng		86
65) 4,6-Dinitro-2-methylph...	15.870	198	106897	52.21	ng		83
66) n-Nitrosodiphenylamine	16.005	169	539112	44.06	ng		97
67) 4-Bromophenyl-phenylether	16.692	248	231490	45.71	ng		95
68) Hexachlorobenzene	16.804	284	252661	45.74	ng		96
69) Atrazine	16.951	200	226083	51.17	ng		97
70) Pentachlorophenol	17.145	266	334758	101.34	ng		99
71) Phenanthrene	17.550	178	941269	42.40	ng		97
72) Anthracene	17.638	178	965900	43.82	ng		99
73) Carbazole	17.903	167	825189	40.45	ng		98
74) Di-n-butylphthalate	18.461	149	935101	44.83	ng	#	97
75) Fluoranthene	19.554	202	1180294	40.08	ng		96
77) Benzidine	19.730	184	562868	52.46	ng		99
78) Pyrene	19.918	202	1168851	42.39	ng		98
80) Butylbenzylphthalate	20.799	149	433584	47.93	ng	#	82
81) Benzo(a)anthracene	21.781	228	1227503	42.78	ng		99
82) 3,3'-Dichlorobenzidine	21.687	252	135255	13.96	ng	#	95
83) Chrysene	21.851	228	1150270	42.02	ng		99
84) Bis(2-ethylhexyl)phtha...	21.681	149	610790	48.48	ng		96
85) Di-n-octyl phthalate	22.944	149	1033249	46.59	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.966	276	1432028	43.56	ng	#	81
88) Benzo(b)fluoranthene	24.078	252	1251791	41.95	ng	#	97
89) Benzo(k)fluoranthene	24.148	252	1156094	40.38	ng	#	97
90) Benzo(a)pyrene	24.983	252	1101892	40.06	ng	#	94
91) Dibenzo(a,h)anthracene	29.043	278	1179705	42.08	ng	#	94
92) Benzo(g,h,i)perylene	30.183	276	1172543	43.13	ng	#	90

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

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