Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
Data File : BG048023.D
Acq On : 27 Jan 2021 1:59
Operator : CG/JU
Sample : M1220-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1-BMSD

Manual Integrations APPROVED
mohammad
1/27/2021 1:08:30 PM

Quant Time: Jan 27 02:34:50 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	8.133	152	40385	20.00	ng		0.00
21) Naphthalene-d8	10.947	136	174205	20.00	ng		0.00
39) Acenaphthene-d10	14.754	164	148968	20.00	ng		0.00
64) Phenanthrene-d10	17.492	188	353372	20.00	ng	#	0.00
76) Chrysene-d12	21.769	240	355029	20.00	ng	#	0.00
86) Perylene-d12	25.054	264	366373	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.688	112	276148	105.09	ng		0.00
7) Phenol-d6	7.281	99	395767	99.06	ng		0.00
23) Nitrobenzene-d5	9.296	82	251330	57.09	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	222569	89.70	ng		0.00
45) 2-Fluorobiphenyl	13.379	172	579995	50.34	ng		0.00
79) Terphenyl-d14	20.095	244	1002880	48.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.567	88	37652	32.14	ng	#	95
3) Pyridine	3.973	79	130148	37.01	ng	#	87
4) n-Nitrosodimethylamine	3.879	42	65777	40.49	ng		82
6) Aniline	7.451	93	59095	12.24	ng		93
8) 2-Chlorophenol	7.692	128	139473	50.70	ng		90
9) Benzaldehyde	7.263	77	87430	42.66	ng		91
10) Phenol	7.304	94	199414	52.07	ng		78
11) bis(2-Chloroethyl)ether	7.545	93	125339	41.79	ng		96
12) 1,3-Dichlorobenzene	8.021	146	133687	40.27	ng	#	88
13) 1,4-Dichlorobenzene	8.168	146	137745	41.39	ng		95
14) 1,2-Dichlorobenzene	8.485	146	134412m	42.31	ng		
15) Benzyl Alcohol	8.362	79	157009	46.45	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.655	45	162470	38.60	ng		95
17) 2-Methylphenol	8.561	107	125537	48.50	ng	#	87
18) Hexachloroethane	9.225	117	50856	39.17	ng		98
19) n-Nitroso-di-n-propyla...	8.932	70	118754	40.72	ng	#	95
20) 3+4-Methylphenols	8.890	107	179254	50.06	ng		89
22) Acetophenone	8.955	105	213534	39.77	ng	#	92
24) Nitrobenzene	9.337	77	179985	40.82	ng	#	85
25) Isophorone	9.860	82	337884	42.77	ng		94
26) 2-Nitrophenol	10.054	139	102211	56.34	ng	#	72
27) 2,4-Dimethylphenol	10.101	122	135499	51.40	ng		89
28) bis(2-Chloroethoxy)met...	10.342	93	185182	38.95	ng		95
29) 2,4-Dichlorophenol	10.583	162	183000	53.95	ng		95
30) 1,2,4-Trichlorobenzene	10.806	180	168184	41.01	ng		98
31) Naphthalene	11.000	128	413082	41.01	ng		99
33) 4-Chloroaniline	11.094	127	48160	10.46	ng	#	91
34) Hexachlorobutadiene	11.282	225	114531	39.33	ng		98
35) Caprolactam	11.869	113	58922m	45.64	ng		
36) 4-Chloro-3-methylphenol	12.204	107	197140	51.80	ng		88
37) 2-Methylnaphthalene	12.592	142	330505	43.44	ng	#	94
38) 1-Methylnaphthalene	12.809	142	311877	42.97	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.956	216	224049	39.45	ng	#	98
41) Hexachlorocyclopentadiene	12.939	237	264926	82.36	ng		98
43) 2,4,6-Trichlorophenol	13.185	196	195222	49.29	ng		97
44) 2,4,5-Trichlorophenol	13.256	196	204530	49.83	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.591	154	453752	39.40	ng		99
47) 2-Chloronaphthalene	13.632	162	375414	37.46	ng		98
48) 2-Nitroaniline	13.826	65	143405	39.42	ng	#	79
49) Acenaphthylene	14.478	152	587507	39.72	ng		99
50) Dimethylphthalate	14.202	163	547967	40.64	ng		99
51) 2,6-Dinitrotoluene	14.319	165	113910	40.64	ng	#	64
52) Acenaphthene	14.819	154	356464	35.60	ng		98
53) 3-Nitroaniline	14.643	138	35845	11.66	ng		94
54) 2,4-Dinitrophenol	14.854	184	4289	2.45	ng	#	66
55) Dibenzofuran	15.148	168	610510	40.20	ng		96
56) 4-Nitrophenol	14.948	139	189444	78.97	ng	#	54
57) 2,4-Dinitrotoluene	15.101	165	162601	40.17	ng	#	73
58) Fluorene	15.800	166	492720	40.35	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.371	232	174188	42.44	ng	#	99
60) Diethylphthalate	15.565	149	530340	38.26	ng		97
61) 4-Chlorophenyl-phenyle...	15.788	204	300122	40.13	ng		98
62) 4-Nitroaniline	15.812	138	117609	35.11	ng	#	61
63) Azobenzene	16.082	77	514171	39.40	ng		91
65) 4,6-Dinitro-2-methylph...	15.871	198	22300	9.78	ng		94
66) n-Nitrosodiphenylamine	16.000	169	473608	44.60	ng		99
67) 4-Bromophenyl-phenylether	16.681	248	205950	43.61	ng		98
68) Hexachlorobenzene	16.799	284	216600	42.18	ng		98
69) Atrazine	16.946	200	165702	41.08	ng		99
70) Pentachlorophenol	17.140	266	83100	26.65	ng		97
71) Phenanthrene	17.539	178	841947	41.30	ng		97
72) Anthracene	17.627	178	850801	42.43	ng		98
73) Carbazole	17.892	167	734741	39.27	ng		98
74) Di-n-butylphthalate	18.450	149	839266	36.73	ng	#	98
75) Fluoranthene	19.537	202	1034454	38.70	ng		97
77) Benzidine	19.707	184	131129	12.80	ng		98
78) Pyrene	19.901	202	1041224	40.05	ng		99
80) Butylbenzylphthalate	20.776	149	374764	37.74	ng		89
81) Benzo(a)anthracene	21.752	228	1071516	41.53	ng		99
82) 3,3'-Dichlorobenzidine	21.658	252	125310	14.41	ng		97
83) Chrysene	21.822	228	1027433	41.91	ng		99
84) Bis(2-ethylhexyl)phtha...	21.658	149	540101	39.71	ng		98
85) Di-n-octyl phthalate	22.898	149	928835	40.83	ng		97
87) Indeno(1,2,3-cd)pyrene	28.820	276	1267369	43.01	ng	#	90
88) Benzo(b)fluoranthene	24.014	252	1113772	42.77	ng	#	97
89) Benzo(k)fluoranthene	24.084	252	1057000	41.77	ng	#	97
90) Benzo(a)pyrene	24.901	252	1008885	41.26	ng	#	98
91) Dibenzo(a,h)anthracene	28.891	278	1044820	42.96	ng	#	96
92) Benzo(g,h,i)perylene	29.995	276	1046318	44.66	ng	#	94

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

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