Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
Data File : BG047903.D
Acq On : 9 Jan 2021 2:05
Operator : CG/JU
Sample : M1019-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20410MS

Manual Integrations APPROVED
mohammad
1/11/2021 10:27:02 AM

Quant Time: Jan 09 03:10:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 11:19:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.167	152	44104	20.00	ng	#	0.00
21) Naphthalene-d8	10.987	136	163409	20.00	ng	#	0.00
39) Acenaphthene-d10	14.794	164	88807	20.00	ng		0.00
64) Phenanthrene-d10	17.532	188	234054	20.00	ng	#	0.00
76) Chrysene-d12	21.809	240	245116	20.00	ng	#	0.00
86) Perylene-d12	25.141	264	256301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.746	112	331535	130.04	ng		0.00
7) Phenol-d6	7.391	99	451585	121.17	ng		0.00
23) Nitrobenzene-d5	9.336	82	336427	75.73	ng		0.00
42) 2,4,6-Tribromophenol	16.287	330	204888	135.14	ng		0.00
45) 2-Fluorobiphenyl	13.419	172	726653	105.88	ng		0.00
79) Terphenyl-d14	20.123	244	1069419	71.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.513	88	35626	32.52	ng	#	59
3) Pyridine	3.936	79	81001	28.65	ng	#	80
4) n-Nitrosodimethylamine	3.831	42	71536	31.98	ng	#	61
6) Aniline	7.479	93	52249	12.64	ng	#	80
8) 2-Chlorophenol	7.755	128	126613	48.72	ng		90
9) Benzaldehyde	7.285	77	27676	11.33	ng		87
10) Phenol	7.420	94	175423	51.92	ng	#	67
11) bis(2-Chloroethyl)ether	7.567	93	113478	47.13	ng		93
12) 1,3-Dichlorobenzene	8.049	146	130298	37.19	ng	#	86
13) 1,4-Dichlorobenzene	8.196	146	131753	37.64	ng		97
14) 1,2-Dichlorobenzene	8.519	146	127845m	38.84	ng		
15) Benzyl Alcohol	8.408	79	157173	47.60	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	8.690	45	103442	43.24	ng	#	4
17) 2-Methylphenol	8.672	107	121756	51.07	ng	#	81
18) Hexachloroethane	9.259	117	52609	38.33	ng		90
19) n-Nitroso-di-n-propyla...	8.966	70	118960	45.87	ng	#	90
20) 3+4-Methylphenols	9.007	107	156421	47.89	ng	#	71
22) Acetophenone	8.989	105	209835	44.87	ng	#	89
24) Nitrobenzene	9.377	77	177126	42.24	ng	#	83
25) Isophorone	9.900	82	323179	48.24	ng	#	93
26) 2-Nitrophenol	10.094	139	75831	45.71	ng	#	59
27) 2,4-Dimethylphenol	10.188	122	122640	51.36	ng		88
28) bis(2-Chloroethoxy)met...	10.376	93	158810	45.86	ng		99
29) 2,4-Dichlorophenol	10.705	162	144508	46.47	ng		95
30) 1,2,4-Trichlorobenzene	10.852	180	160602	40.25	ng		99
31) Naphthalene	11.040	128	374303	41.68	ng		98
32) Benzoic acid	10.335	122	36490	29.10	ng	#	76
34) Hexachlorobutadiene	11.322	225	123897	35.21	ng		99
35) Caprolactam	11.915	113	40607m	41.12	ng		
36) 4-Chloro-3-methylphenol	12.344	107	167847	49.39	ng	#	82
37) 2-Methylnaphthalene	12.632	142	292443	41.98	ng	#	89
38) 1-Methylnaphthalene	12.855	142	269695	40.96	ng	#	97
40) 1,2,4,5-Tetrachloroben...	13.002	216	211066	57.91	ng	#	98
41) Hexachlorocyclopentadiene	12.979	237	233848	118.49	ng		96
43) 2,4,6-Trichlorophenol	13.261	196	145329	62.40	ng		100
44) 2,4,5-Trichlorophenol	13.419	196	158845	68.94	ng	#	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.631	154	404698	59.72	ng		93
47) 2-Chloronaphthalene	13.678	162	321094	58.27	ng		96
48) 2-Nitroaniline	13.878	65	119413	58.64	ng	#	79
49) Acenaphthylene	14.518	152	437641	53.51	ng		99
50) Dimethylphthalate	14.242	163	508803	66.47	ng		99
51) 2,6-Dinitrotoluene	14.365	165	102258	65.71	ng	#	65
52) Acenaphthene	14.859	154	262977m	45.59	ng		
53) 3-Nitroaniline	14.700	138	11407	7.40	ng		87
54) 2,4-Dinitrophenol	14.906	184	69578	69.79	ng	#	53
55) Dibenzofuran	15.194	168	352126	42.11	ng	#	85
56) 4-Nitrophenol	15.188	139	241709	217.43	ng	#	37
57) 2,4-Dinitrotoluene	15.147	165	102583	44.34	ng	#	63
58) Fluorene	15.834	166	309523	43.58	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.435	232	99427m	42.24	ng		
60) Diethylphthalate	15.593	149	321322	43.53	ng		98
61) 4-Chlorophenyl-phenyle...	15.822	204	191812	42.85	ng		98
62) 4-Nitroaniline	15.858	138	62056	36.58	ng	#	27
63) Azobenzene	16.116	77	294743	42.83	ng		88
65) 4,6-Dinitro-2-methylph...	15.910	198	67394	45.06	ng		87
66) n-Nitrosodiphenylamine	16.040	169	289383	43.21	ng		93
67) 4-Bromophenyl-phenylether	16.715	248	132972	42.28	ng		93
68) Hexachlorobenzene	16.845	284	144850	42.46	ng		99
69) Atrazine	16.980	200	110423	39.25	ng		96
70) Pentachlorophenol	17.203	266	147355	64.02	ng		99
71) Phenanthrene	17.579	178	558342	44.25	ng		96
72) Anthracene	17.667	178	558553	45.66	ng		97
73) Carbazole	17.938	167	488680	45.62	ng		98
74) Di-n-butylphthalate	18.472	149	557734	44.17	ng	#	95
75) Fluoranthene	19.577	202	759942	44.92	ng		93
77) Benzidine	19.747	184	51937	7.88	ng		97
78) Pyrene	19.935	202	766521	43.65	ng		94
80) Butylbenzylphthalate	20.799	149	251515	41.77	ng	#	87
81) Benzo(a)anthracene	21.792	228	744744	42.30	ng		98
82) 3,3'-Dichlorobenzidine	21.698	252	91475	14.76	ng	#	92
83) Chrysene	21.862	228	713496	42.91	ng		98
84) Bis(2-ethylhexyl)phtha...	21.674	149	352574	42.48	ng		96
85) Di-n-octyl phthalate	22.914	149	596524	42.39	ng		98
87) Indeno(1,2,3-cd)pyrene	28.960	276	881207	45.28	ng	#	86
88) Benzo(b)fluoranthene	24.083	252	799453	45.24	ng	#	95
89) Benzo(k)fluoranthene	24.148	252	772915	45.11	ng	#	94
90) Benzo(a)pyrene	24.988	252	717417	43.63	ng	#	96
91) Dibenzo(a,h)anthracene	29.025	278	727388	46.13	ng	#	93
92) Benzo(g,h,i)perylene	30.170	276	730488	47.37	ng	#	91

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

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