Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
Data File : BG047891.D
Acq On : 8 Jan 2021 18:05
Operator : CG/JU
Sample : PB134011BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134011BS

Manual Integrations APPROVED
mohammad
1/11/2021 10:26:49 AM

Quant Time: Jan 09 00:52:36 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	8.161	152	28552	20.00	ng		0.00
21) Naphthalene-d8	10.987	136	106526	20.00	ng		# 0.00
39) Acenaphthene-d10	14.795	164	81841	20.00	ng		0.00
64) Phenanthrene-d10	17.533	188	224333	20.00	ng		# 0.00
76) Chrysene-d12	21.810	240	230559	20.00	ng		# 0.00
86) Perylene-d12	25.136	264	237310	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.752	112	217445	131.75	ng		0.00
7) Phenol-d6	7.392	99	293374	121.60	ng		0.00
23) Nitrobenzene-d5	9.336	82	213563	73.74	ng		0.00
42) 2,4,6-Tribromophenol	16.287	330	183857	131.59	ng		0.00
45) 2-Fluorobiphenyl	13.420	172	481772	76.17	ng		0.00
79) Terphenyl-d14	20.124	244	1018783	72.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.496	88	21249	29.97	ng	#	76
3) Pyridine	3.919	79	65572	35.83	ng	#	78
4) n-Nitrosodimethylamine	3.831	42	56285	38.87	ng	#	48
6) Aniline	7.480	93	80131	29.94	ng	#	91
8) 2-Chlorophenol	7.762	128	82756	49.19	ng		95
9) Benzaldehyde	7.286	77	17913	11.33	ng		92
10) Phenol	7.421	94	114382	52.29	ng	#	52
11) bis(2-Chloroethyl)ether	7.568	93	70857	45.46	ng		95
12) 1,3-Dichlorobenzene	8.050	146	96076	42.36	ng	#	85
13) 1,4-Dichlorobenzene	8.197	146	98959m	43.67	ng		
14) 1,2-Dichlorobenzene	8.520	146	94351	44.28	ng		93
15) Benzyl Alcohol	8.408	79	100016	46.79	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.690	45	62541	40.39	ng	#	1
17) 2-Methylphenol	8.672	107	74652	48.37	ng	#	73
18) Hexachloroethane	9.260	117	37469	42.17	ng		90
19) n-Nitroso-di-n-propyla...	8.966	70	72734	43.32	ng		93
20) 3+4-Methylphenols	9.007	107	99324	46.97	ng	#	70
22) Acetophenone	8.990	105	137053	44.96	ng	#	85
24) Nitrobenzene	9.378	77	116493	42.62	ng	#	85
25) Isophorone	9.906	82	192455	44.07	ng	#	96
26) 2-Nitrophenol	10.100	139	49052	45.36	ng	#	64
27) 2,4-Dimethylphenol	10.188	122	82099	52.74	ng		87
28) bis(2-Chloroethoxy)met...	10.376	93	92990	41.19	ng		93
29) 2,4-Dichlorophenol	10.711	162	96398	47.55	ng		100
30) 1,2,4-Trichlorobenzene	10.852	180	109447	42.08	ng		99
31) Naphthalene	11.040	128	252491	43.13	ng		100
32) Benzoic acid	10.365	122	42890	52.47	ng	#	81
33) 4-Chloroaniline	11.146	127	47588	19.13	ng	#	82
34) Hexachlorobutadiene	11.322	225	90874	39.62	ng		94
35) Caprolactam	11.910	113	30319m	47.10	ng		
36) 4-Chloro-3-methylphenol	12.345	107	105481	47.61	ng		85
37) 2-Methylnaphthalene	12.638	142	198419	43.69	ng	#	91
38) 1-Methylnaphthalene	12.856	142	184819	43.05	ng	#	92
40) 1,2,4,5-Tetrachloroben...	12.997	216	143840	42.82	ng	#	96
41) Hexachlorocyclopentadiene	12.979	237	192631	105.91	ng		99
43) 2,4,6-Trichlorophenol	13.261	196	93617	43.62	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.426	196	103661	48.82	ng	#	93
46) 1,1'-Biphenyl	13.631	154	271849	43.53	ng		92
47) 2-Chloronaphthalene	13.678	162	212965	41.94	ng		92
48) 2-Nitroaniline	13.884	65	80877	43.10	ng	#	78
49) Acenaphthylene	14.519	152	342160	45.40	ng		97
50) Dimethylphthalate	14.237	163	317912	45.06	ng		100
51) 2,6-Dinitrotoluene	14.360	165	68223	47.57	ng	#	47
52) Acenaphthene	14.859	154	281874m	53.03	ng		
53) 3-Nitroaniline	14.701	138	31230	21.98	ng	#	79
54) 2,4-Dinitrophenol	14.906	184	97683	106.32	ng	#	45
55) Dibenzofuran	15.194	168	345580	44.84	ng	#	85
56) 4-Nitrophenol	15.188	139	242197	236.41	ng	#	45
57) 2,4-Dinitrotoluene	15.147	165	101721	47.71	ng	#	61
58) Fluorene	15.841	166	300684	45.93	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.441	232	102817	47.40	ng	#	96
60) Diethylphthalate	15.594	149	311431	45.79	ng		97
61) 4-Chlorophenyl-phenyle...	15.823	204	187393	45.43	ng		97
62) 4-Nitroaniline	15.864	138	64837	41.48	ng	#	24
63) Azobenzene	16.117	77	285468	45.01	ng		89
65) 4,6-Dinitro-2-methylph...	15.911	198	74844	52.21	ng		90
66) n-Nitrosodiphenylamine	16.040	169	286247	44.59	ng		96
67) 4-Bromophenyl-phenylether	16.716	248	130440	43.27	ng		96
68) Hexachlorobenzene	16.839	284	141380	43.24	ng		97
69) Atrazine	16.980	200	108130	40.10	ng		96
70) Pentachlorophenol	17.204	266	151078	66.73	ng		96
71) Phenanthrene	17.580	178	537223	44.42	ng		97
72) Anthracene	17.668	178	551053	46.99	ng		96
73) Carbazole	17.938	167	476194	46.38	ng		96
74) Di-n-butylphthalate	18.473	149	553669	45.75	ng	#	96
75) Fluoranthene	19.577	202	766073	47.25	ng		92
77) Benzidine	19.748	184	206393	33.29	ng		99
78) Pyrene	19.936	202	746121	45.17	ng		96
80) Butylbenzylphthalate	20.799	149	247303	43.66	ng	#	85
81) Benzo(a)anthracene	21.792	228	734040	44.32	ng		97
82) 3,3'-Dichlorobenzidine	21.698	252	163644	28.08	ng	#	94
83) Chrysene	21.857	228	697135	44.57	ng		99
84) Bis(2-ethylhexyl)phtha...	21.669	149	352976	45.22	ng		97
85) Di-n-octyl phthalate	22.915	149	593449	44.83	ng		98
87) Indeno(1,2,3-cd)pyrene	28.966	276	834916	46.34	ng	#	84
88) Benzo(b)fluoranthene	24.084	252	778600	47.59	ng	#	93
89) Benzo(k)fluoranthene	24.148	252	747857	47.14	ng	#	94
90) Benzo(a)pyrene	24.989	252	696071	45.72	ng	#	95
91) Dibenzo(a,h)anthracene	29.031	278	693948	47.53	ng	#	93
92) Benzo(g,h,i)perylene	30.171	276	684279	47.93	ng	#	88

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

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