Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048705.D
Acq On : 15 Apr 2021 12:10
Operator : CG/JU
Sample : PB135724BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135724BS

Manual Integrations APPROVED
mohammad
4/16/2021 11:26:24 AM

Quant Time: Apr 15 13:40:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 10:59:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.086	152	21795	20.00	ng		# 0.00
21) Naphthalene-d8	10.912	136	95567	20.00	ng		# 0.00
39) Acenaphthene-d10	14.743	164	71818	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	183977	20.00	ng		# 0.00
76) Chrysene-d12	21.799	240	177090	20.00	ng		0.00
86) Perylene-d12	25.136	264	158151	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.630	112	162998	125.08	ng		0.00
7) Phenol-d6	7.245	99	213816	116.00	ng		0.00
23) Nitrobenzene-d5	9.255	82	136197	63.80	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	100445	104.31	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	307624	61.86	ng		0.00
79) Terphenyl-d14	20.107	244	613217	59.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.485	88	20040	39.25	ng		96
3) Pyridine	3.891	79	53925	40.52	ng		94
4) n-Nitrosodimethylamine	3.802	42	46472	45.74	ng		100
6) Aniline	7.404	93	64962	31.40	ng		95
8) 2-Chlorophenol	7.651	128	62791	45.42	ng		95
9) Benzaldehyde	7.210	77	27770	22.74	ng		89
10) Phenol	7.275	94	86486	47.72	ng		94
11) bis(2-Chloroethyl)ether	7.498	93	55138	45.14	ng		89
12) 1,3-Dichlorobenzene	7.974	146	70934	44.63	ng		94
13) 1,4-Dichlorobenzene	8.121	146	69402	42.85	ng		97
14) 1,2-Dichlorobenzene	8.438	146	65803	44.03	ng		96
15) Benzyl Alcohol	8.321	79	72894	44.88	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.614	45	59318	44.80	ng		97
17) 2-Methylphenol	8.532	107	57009	49.27	ng		94
18) Hexachloroethane	9.178	117	27531	43.27	ng		90
19) n-Nitroso-di-n-propyla...	8.896	70	55507	44.63	ng		95
20) 3+4-Methylphenols	8.861	107	77764	48.71	ng		97
22) Acetophenone	8.914	105	100667	40.47	ng	#	97
24) Nitrobenzene	9.296	77	85974	40.38	ng		99
25) Isophorone	9.819	82	148971	39.47	ng		98
26) 2-Nitrophenol	10.013	139	36981	40.13	ng		94
27) 2,4-Dimethylphenol	10.072	122	68636	48.45	ng		92
28) bis(2-Chloroethoxy)met...	10.307	93	75440	45.87	ng	#	90
29) 2,4-Dichlorophenol	10.559	162	69321	43.39	ng		96
30) 1,2,4-Trichlorobenzene	10.771	180	75456	40.73	ng		96
31) Naphthalene	10.959	128	197871	40.35	ng		98
32) Benzoic acid	10.236	122	32743	39.45	ng		82
33) 4-Chloroaniline	11.064	127	30549	14.97	ng	#	92
34) Hexachlorobutadiene	11.241	225	53801	39.12	ng		94
35) Caprolactam	11.852	113	23842m	43.91	ng		
36) 4-Chloro-3-methylphenol	12.193	107	79658	44.02	ng		94
37) 2-Methylnaphthalene	12.569	142	157987	40.32	ng		97
38) 1-Methylnaphthalene	12.786	142	147010	40.32	ng		98
40) 1,2,4,5-Tetrachloroben...	12.933	216	92391	39.52	ng		99
41) Hexachlorocyclopentadiene	12.909	237	98414	77.40	ng		89
43) 2,4,6-Trichlorophenol	13.174	196	63745	40.86	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	66173	39.94	ng		95
46) 1,1'-Biphenyl	13.573	154	212885	40.13	ng		99
47) 2-Chloronaphthalene	13.614	162	160206	39.53	ng		100
48) 2-Nitroaniline	13.820	65	59683	40.99	ng		93
49) Acenaphthylene	14.466	152	266764	42.20	ng		96
50) Dimethylphthalate	14.190	163	222004	41.21	ng		98
51) 2,6-Dinitrotoluene	14.314	165	50112	40.32	ng		91
52) Acenaphthene	14.807	154	164548	40.99	ng		98
53) 3-Nitroaniline	14.643	138	27336	22.91	ng		99
54) 2,4-Dinitrophenol	14.848	184	62166	83.11	ng		96
55) Dibenzofuran	15.136	168	258952	38.96	ng		99
56) 4-Nitrophenol	14.966	139	78585	88.90	ng		98
57) 2,4-Dinitrotoluene	15.101	165	73581	40.77	ng		96
58) Fluorene	15.788	166	217702	39.89	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	63548	41.46	ng		99
60) Diethylphthalate	15.547	149	232871	41.78	ng		98
61) 4-Chlorophenyl-phenyle...	15.777	204	125759	41.90	ng		95
62) 4-Nitroaniline	15.812	138	48125	37.73	ng		89
63) Azobenzene	16.070	77	224021	39.91	ng		93
65) 4,6-Dinitro-2-methylph...	15.865	198	46123	37.45	ng		95
66) n-Nitrosodiphenylamine	15.994	169	197066	37.90	ng		98
67) 4-Bromophenyl-phenylether	16.676	248	79892	37.73	ng		98
68) Hexachlorobenzene	16.799	284	85562	39.89	ng		95
69) Atrazine	16.946	200	84850	39.24	ng		98
70) Pentachlorophenol	17.146	266	96595	84.52	ng		96
71) Phenanthrene	17.539	178	366181	38.35	ng		98
72) Anthracene	17.627	178	370969	39.26	ng		98
73) Carbazole	17.904	167	343383	37.94	ng		98
74) Di-n-butylphthalate	18.450	149	411606	40.57	ng		100
75) Fluoranthene	19.549	202	473702	39.23	ng		98
77) Benzidine	19.725	184	121311	25.23	ng		96
78) Pyrene	19.913	202	465609	38.00	ng		99
80) Butylbenzylphthalate	20.788	149	187597	39.16	ng		100
81) Benzo(a)anthracene	21.781	228	476717	39.39	ng		96
82) 3,3'-Dichlorobenzidine	21.687	252	123192	29.69	ng		95
83) Chrysene	21.846	228	429968	37.30	ng		98
84) Bis(2-ethylhexyl)phtha...	21.664	149	269511	40.18	ng		100
85) Di-n-octyl phthalate	22.921	149	456438	39.98	ng		99
87) Indeno(1,2,3-cd)pyrene	28.973	276	536741	46.21	ng	#	97
88) Benzo(b)fluoranthene	24.073	252	476942	44.45	ng		96
89) Benzo(k)fluoranthene	24.143	252	446957	44.30	ng		98
90) Benzo(a)pyrene	24.983	252	424660	42.96	ng		98
91) Dibenzo(a,h)anthracene	29.043	278	439176	44.08	ng		97
92) Benzo(g,h,i)perylene	30.183	276	440060	44.74	ng		99

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

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