Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048730.D
Acq On : 16 Apr 2021 18:46
Operator : CG/JU
Sample : M2041-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-2AMS

Manual Integrations APPROVED
mohammad
4/19/2021 11:44:22 AM

Quant Time: Apr 17 04:19:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.079	152	17580	20.00	ng		0.00
21) Naphthalene-d8	10.905	136	77622	20.00	ng		# 0.00
39) Acenaphthene-d10	14.736	164	53413	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	142350	20.00	ng		# 0.00
76) Chrysene-d12	21.798	240	133081	20.00	ng		0.00
86) Perylene-d12	25.130	264	134548	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.623	112	100290	95.41	ng		0.00
7) Phenol-d6	7.239	99	136042	91.50	ng		0.00
23) Nitrobenzene-d5	9.248	82	103792	59.86	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	65109	90.91	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	212471	57.45	ng		0.00
79) Terphenyl-d14	20.106	244	405279	52.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.479	88	12236	29.71	ng	#	84
3) Pyridine	3.884	79	38133	35.52	ng		91
4) n-Nitrosodimethylamine	3.796	42	33585	40.98	ng	#	99
6) Aniline	7.397	93	39947	23.94	ng	#	93
8) 2-Chlorophenol	7.644	128	52566	47.14	ng		92
9) Benzaldehyde	7.204	77	37625	38.19	ng		97
10) Phenol	7.268	94	69996	47.88	ng		95
11) bis(2-Chloroethyl)ether	7.486	93	42594	43.23	ng		93
12) 1,3-Dichlorobenzene	7.967	146	53926	42.06	ng		95
13) 1,4-Dichlorobenzene	8.114	146	55595	42.55	ng		95
14) 1,2-Dichlorobenzene	8.437	146	53999	44.79	ng		89
15) Benzyl Alcohol	8.314	79	57776	44.10	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.602	45	47566	44.53	ng		94
17) 2-Methylphenol	8.526	107	45357	48.60	ng		96
18) Hexachloroethane	9.172	117	20628	40.19	ng		96
19) n-Nitroso-di-n-propyla...	8.884	70	44395	44.26	ng	#	92
20) 3+4-Methylphenols	8.855	107	61737	47.94	ng		96
22) Acetophenone	8.907	105	80561	39.87	ng	#	99
24) Nitrobenzene	9.295	77	67267	38.90	ng		90
25) Isophorone	9.818	82	118936	38.79	ng	#	92
26) 2-Nitrophenol	10.012	139	29732	39.72	ng	#	90
27) 2,4-Dimethylphenol	10.071	122	53832	46.78	ng		88
28) bis(2-Chloroethoxy)met...	10.300	93	60244	45.10	ng	#	89
29) 2,4-Dichlorophenol	10.553	162	53883	41.52	ng		94
30) 1,2,4-Trichlorobenzene	10.764	180	60478	40.19	ng	#	89
31) Naphthalene	10.958	128	158899	39.89	ng		99
32) Benzoic acid	10.229	122	22798	33.82	ng	#	88
33) 4-Chloroaniline	11.070	127	17024	10.27	ng		90
34) Hexachlorobutadiene	11.240	225	45348	40.59	ng		97
35) Caprolactam	11.845	113	19746m	44.78	ng		
36) 4-Chloro-3-methylphenol	12.192	107	63811	43.42	ng		90
37) 2-Methylnaphthalene	12.568	142	128193	40.28	ng		98
38) 1-Methylnaphthalene	12.785	142	117292	39.61	ng		96
40) 1,2,4,5-Tetrachloroben...	12.932	216	73920	42.52	ng		98
41) Hexachlorocyclopentadiene	12.909	237	77249	81.36	ng		86
43) 2,4,6-Trichlorophenol	13.173	196	49128	42.34	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	52974	42.99	ng	90
46) 1,1'-Biphenyl	13.567	154	167702	42.51	ng	98
47) 2-Chloronaphthalene	13.614	162	129337	42.91	ng	98
48) 2-Nitroaniline	13.819	65	47846	44.18	ng	96
49) Acenaphthylene	14.460	152	212933	45.29	ng	96
50) Dimethylphthalate	14.184	163	185261	46.24	ng	98
51) 2,6-Dinitrotoluene	14.307	165	39534	42.77	ng	94
52) Acenaphthene	14.801	154	132755	44.46	ng	96
53) 3-Nitroaniline	14.642	138	14774	16.65	ng	97
54) 2,4-Dinitrophenol	14.853	184	42622	77.03	ng	85
55) Dibenzofuran	15.135	168	203536	41.18	ng	96
56) 4-Nitrophenol	14.965	139	62073	94.42	ng	91
57) 2,4-Dinitrotoluene	15.100	165	58894	43.87	ng	92
58) Fluorene	15.788	166	174887	43.08	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.370	232	48151m	42.24	ng	
60) Diethylphthalate	15.547	149	187128	45.15	ng	99
61) 4-Chlorophenyl-phenyle...	15.776	204	94897	42.51	ng	94
62) 4-Nitroaniline	15.811	138	38338	40.41	ng	92
63) Azobenzene	16.070	77	179031	42.89	ng	95
65) 4,6-Dinitro-2-methylph...	15.870	198	36495	38.29	ng	99
66) n-Nitrosodiphenylamine	15.993	169	154144	38.31	ng	98
67) 4-Bromophenyl-phenylether	16.675	248	62367	38.07	ng	95
68) Hexachlorobenzene	16.792	284	66459	40.05	ng	97
69) Atrazine	16.939	200	71052	42.47	ng	97
70) Pentachlorophenol	17.145	266	69458	78.54	ng	96
71) Phenanthrene	17.538	178	297158	40.22	ng	98
72) Anthracene	17.633	178	300966	41.17	ng	98
73) Carbazole	17.897	167	268920	38.40	ng	98
74) Di-n-butylphthalate	18.449	149	330446	42.09	ng	99
75) Fluoranthene	19.548	202	385138	41.22	ng	99
77) Benzidine	19.730	184	219792	60.82	ng	98
78) Pyrene	19.912	202	377982	41.05	ng	99
80) Butylbenzylphthalate	20.788	149	145423	40.39	ng	99
81) Benzo(a)anthracene	21.775	228	368146	40.48	ng	98
82) 3,3'-Dichlorobenzidine	21.687	252	59362	19.03	ng	92
83) Chrysene	21.845	228	339578	39.20	ng	100
84) Bis(2-ethylhexyl)phtha...	21.663	149	205159	40.70	ng	99
85) Di-n-octyl phthalate	22.915	149	348285	40.59	ng	100
87) Indeno(1,2,3-cd)pyrene	28.984	276	411396	41.63	ng	97
88) Benzo(b)fluoranthene	24.072	252	371363	40.68	ng	98
89) Benzo(k)fluoranthene	24.143	252	342867	39.94	ng	100
90) Benzo(a)pyrene	24.977	252	329770	39.22	ng	98
91) Dibenzo(a,h)anthracene	29.049	278	340067	40.12	ng	96
92) Benzo(g,h,i)perylene	30.183	276	336060	40.16	ng	97

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

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