Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048879.D
Acq On : 26 Apr 2021 15:32
Operator : CG/JU
Sample : M2163-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TT-059-RW8-IDWSO-202104-1MS

Manual Integrations APPROVED
mohammad
4/27/2021 12:10:54 PM

Quant Time: Apr 26 16:09:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 13:36:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.038	152	19765	20.00	ng		0.00
21) Naphthalene-d8	10.858	136	81989	20.00	ng		0.00
39) Acenaphthene-d10	14.683	164	58106	20.00	ng		0.00
64) Phenanthrene-d10	17.433	188	144328	20.00	ng	#	0.00
76) Chrysene-d12	21.722	240	136403	20.00	ng		0.00
86) Perylene-d12	25.000	264	135305	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.600	112	116653	98.71	ng		0.00
7) Phenol-d6	7.209	99	156291	93.50	ng		0.00
23) Nitrobenzene-d5	9.213	82	114671	62.62	ng		0.00
42) 2,4,6-Tribromophenol	16.175	330	63161	81.07	ng		0.00
45) 2-Fluorobiphenyl	13.302	172	251687	62.55	ng		0.00
79) Terphenyl-d14	20.041	244	481439	60.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.443	88	18058	39.00	ng	#	90
3) Pyridine	3.849	79	40932	33.91	ng		88
4) n-Nitrosodimethylamine	3.766	42	37082	40.24	ng		91
6) Aniline	7.356	93	46295	24.68	ng	#	90
8) 2-Chlorophenol	7.609	128	58385	46.57	ng		91
9) Benzaldehyde	7.168	77	50745	45.82	ng		88
10) Phenol	7.239	94	75681	46.04	ng		95
11) bis(2-Chloroethyl)ether	7.456	93	48270	43.57	ng		98
12) 1,3-Dichlorobenzene	7.926	146	62730	43.52	ng		98
13) 1,4-Dichlorobenzene	8.073	146	63188	43.02	ng		92
14) 1,2-Dichlorobenzene	8.396	146	61548	45.41	ng		95
15) Benzyl Alcohol	8.279	79	62273	42.28	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.567	45	51339	42.75	ng		93
17) 2-Methylphenol	8.496	107	47554	45.32	ng		97
18) Hexachloroethane	9.125	117	23728	41.12	ng		90
19) n-Nitroso-di-n-propyla...	8.843	70	47679	42.28	ng	#	93
20) 3+4-Methylphenols	8.819	107	65711	45.39	ng		88
22) Acetophenone	8.866	105	89757	42.06	ng	#	99
24) Nitrobenzene	9.254	77	75120	41.12	ng		99
25) Isophorone	9.777	82	122357	37.78	ng		96
26) 2-Nitrophenol	9.965	139	32469	41.07	ng		95
27) 2,4-Dimethylphenol	10.024	122	58013	47.73	ng		92
28) bis(2-Chloroethoxy)met...	10.253	93	67108	47.56	ng		99
29) 2,4-Dichlorophenol	10.511	162	58568	42.73	ng		94
30) 1,2,4-Trichlorobenzene	10.717	180	64792	40.76	ng		95
31) Naphthalene	10.911	128	173084	41.14	ng		97
32) Benzoic acid	10.235	122	15007m	21.07	ng		
33) 4-Chloroaniline	11.017	127	26843	15.33	ng	#	89
34) Hexachlorobutadiene	11.187	225	46616	39.51	ng		93
35) Caprolactam	11.792	113	19083m	40.97	ng		
36) 4-Chloro-3-methylphenol	12.151	107	67707	43.61	ng		89
37) 2-Methylnaphthalene	12.515	142	135376	40.27	ng		98
38) 1-Methylnaphthalene	12.732	142	124661	39.85	ng		100
40) 1,2,4,5-Tetrachloroben...	12.879	216	78578	41.55	ng		99
41) Hexachlorocyclopentadiene	12.856	237	53340	53.78	ng		89
43) 2,4,6-Trichlorophenol	13.120	196	48545	38.46	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.202	196	51261	38.24	ng		94
46) 1,1'-Biphenyl	13.520	154	183380	42.73	ng		93
47) 2-Chloronaphthalene	13.561	162	133029	40.57	ng		99
48) 2-Nitroaniline	13.766	65	52116	44.24	ng		94
49) Acenaphthylene	14.407	152	219123	42.84	ng		98
50) Dimethylphthalate	14.131	163	192832	44.24	ng	#	97
51) 2,6-Dinitrotoluene	14.260	165	41978	41.75	ng		91
52) Acenaphthene	14.748	154	135563	41.74	ng		99
53) 3-Nitroaniline	14.589	138	19338	20.03	ng		89
54) 2,4-Dinitrophenol	14.806	184	35722	60.56	ng		98
55) Dibenzofuran	15.083	168	220779	41.06	ng		97
56) 4-Nitrophenol	14.918	139	57858	80.90	ng		93
57) 2,4-Dinitrotoluene	15.047	165	60595	41.50	ng	#	98
58) Fluorene	15.735	166	183839	41.63	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.312	232	45944	37.05	ng		97
60) Diethylphthalate	15.494	149	194663	43.17	ng		97
61) 4-Chlorophenyl-phenyle...	15.717	204	101635	41.85	ng		96
62) 4-Nitroaniline	15.758	138	42142	40.83	ng		89
63) Azobenzene	16.011	77	186298	41.03	ng		93
65) 4,6-Dinitro-2-methylph...	15.817	198	35415	36.65	ng		87
66) n-Nitrosodiphenylamine	15.935	169	169982	41.67	ng		94
67) 4-Bromophenyl-phenylether	16.616	248	63332	38.13	ng		96
68) Hexachlorobenzene	16.739	284	69503	41.31	ng		97
69) Atrazine	16.880	200	73428	43.29	ng		99
70) Pentachlorophenol	17.092	266	52737	58.82	ng		95
71) Phenanthrene	17.480	178	308612	41.20	ng		94
72) Anthracene	17.568	178	315949	42.63	ng		99
73) Carbazole	17.838	167	286742	40.39	ng		98
74) Di-n-butylphthalate	18.385	149	336558	42.28	ng		99
75) Fluoranthene	19.489	202	384633	40.60	ng		98
77) Benzidine	19.665	184	140156	37.84	ng		98
78) Pyrene	19.853	202	388522	41.17	ng		100
80) Butylbenzylphthalate	20.723	149	149321	40.46	ng		98
81) Benzo(a)anthracene	21.698	228	363446	38.99	ng		96
82) 3,3'-Dichlorobenzidine	21.610	252	49144	15.37	ng		94
83) Chrysene	21.769	228	349531	39.37	ng		99
84) Bis(2-ethylhexyl)phtha...	21.587	149	212297	41.09	ng		98
85) Di-n-octyl phthalate	22.809	149	359544	40.88	ng		99
87) Indeno(1,2,3-cd)pyrene	28.772	276	410046	41.26	ng		99
88) Benzo(b)fluoranthene	23.955	252	370953	40.41	ng	#	95
89) Benzo(k)fluoranthene	24.025	252	352849m	40.88	ng		
90) Benzo(a)pyrene	24.848	252	358794	42.43	ng		99
91) Dibenzo(a,h)anthracene	28.831	278	345372	40.52	ng	#	95
92) Benzo(g,h,i)perylene	29.959	276	340998	40.53	ng	#	96

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

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