Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048471.D
Acq On : 23 Mar 2021 15:48
Operator : CG/JU
Sample : M1746-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-2MS

Manual Integrations APPROVED
mohammad
3/24/2021 11:10:08 AM

Quant Time: Mar 23 16:35:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 22 11:22:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	32551	20.00	ng	# 0.00
21) Naphthalene-d8	10.926	136	142285	20.00	ng	# 0.00
39) Acenaphthene-d10	14.745	164	114495	20.00	ng	0.00
64) Phenanthrene-d10	17.495	188	294369	20.00	ng	# 0.00
76) Chrysene-d12	21.790	240	288429	20.00	ng	# 0.00
86) Perylene-d12	25.121	264	305436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	213575	108.50	ng	0.00
7) Phenol-d6	7.254	99	296737	103.60	ng	0.00
23) Nitrobenzene-d5	9.269	82	220999	62.10	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	188047	100.99	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	466438	58.60	ng	0.00
79) Terphenyl-d14	20.104	244	956295	59.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	28930	34.84	ng	# 88
3) Pyridine	3.923	79	86458	37.34	ng	87
4) n-Nitrosodimethylamine	3.829	42	58113	43.19	ng	# 55
6) Aniline	7.418	93	68886	20.33	ng	97
8) 2-Chlorophenol	7.665	128	100923	49.17	ng	83
9) Benzaldehyde	7.230	77	92065	64.60	ng	# 81
10) Phenol	7.283	94	150572	51.30	ng	79
11) bis(2-Chloroethyl)ether	7.513	93	92422	44.94	ng	97
12) 1,3-Dichlorobenzene	7.994	146	105402	43.16	ng	# 88
13) 1,4-Dichlorobenzene	8.141	146	101901	42.04	ng	# 91
14) 1,2-Dichlorobenzene	8.458	146	98928m	42.54	ng	
15) Benzyl Alcohol	8.335	79	120378	47.34	ng	# 82
16) 2,2'-oxybis(1-Chloropr...	8.635	45	96764	41.15	ng	89
17) 2-Methylphenol	8.541	107	94757	50.92	ng	# 82
18) Hexachloroethane	9.193	117	39835	42.72	ng	# 82
19) n-Nitroso-di-n-propyla...	8.905	70	93577	44.02	ng	97
20) 3+4-Methylphenols	8.864	107	132860	52.11	ng	87
22) Acetophenone	8.928	105	163835	40.94	ng	# 93
24) Nitrobenzene	9.310	77	142451	37.37	ng	# 81
25) Isophorone	9.839	82	267070	39.21	ng	# 93
26) 2-Nitrophenol	10.027	139	58969	40.70	ng	# 57
27) 2,4-Dimethylphenol	10.080	122	110725	48.97	ng	87
28) bis(2-Chloroethoxy)met...	10.315	93	133453	43.22	ng	# 98
29) 2,4-Dichlorophenol	10.568	162	117145	44.65	ng	90
30) 1,2,4-Trichlorobenzene	10.785	180	114373	36.06	ng	# 92
31) Naphthalene	10.973	128	304891	38.65	ng	99
32) Benzoic acid	10.215	122	92851	52.77	ng	# 85
33) 4-Chloroaniline	11.079	127	43110	12.78	ng	# 90
34) Hexachlorobutadiene	11.261	225	80855	32.16	ng	97
35) Caprolactam	11.854	113	48926m	52.23	ng	
36) 4-Chloro-3-methylphenol	12.195	107	145461	47.76	ng	# 80
37) 2-Methylnaphthalene	12.577	142	247632	41.12	ng	# 89
38) 1-Methylnaphthalene	12.795	142	235580	41.60	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.941	216	145067	34.70	ng	# 94
41) Hexachlorocyclopentadiene	12.918	237	213963	79.15	ng	97
43) 2,4,6-Trichlorophenol	13.176	196	110501	38.99	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.253	196	126018	40.41	ng	#	92
46) 1,1'-Biphenyl	13.582	154	341740	41.59	ng		99
47) 2-Chloronaphthalene	13.623	162	258516	39.02	ng	#	92
48) 2-Nitroaniline	13.823	65	113651	46.35	ng	#	69
49) Acenaphthylene	14.469	152	460662	42.94	ng		97
50) Dimethylphthalate	14.193	163	388790	41.72	ng		98
51) 2,6-Dinitrotoluene	14.310	165	83084	41.43	ng	#	49
52) Acenaphthene	14.810	154	360989m	50.07	ng		
53) 3-Nitroaniline	14.639	138	24777	12.90	ng	#	69
54) 2,4-Dinitrophenol	14.845	184	125426	102.47	ng	#	49
55) Dibenzofuran	15.145	168	430473	40.09	ng		94
56) 4-Nitrophenol	14.951	139	156822	91.26	ng	#	36
57) 2,4-Dinitrotoluene	15.098	165	123873	43.50	ng	#	67
58) Fluorene	15.791	166	358825	39.81	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.368	232	122041	39.65	ng	#	87
60) Diethylphthalate	15.556	149	406353	44.61	ng		94
61) 4-Chlorophenyl-phenyle...	15.785	204	198173	38.22	ng		94
62) 4-Nitroaniline	15.809	138	86340	41.05	ng	#	44
63) Azobenzene	16.073	77	406212	40.98	ng		84
65) 4,6-Dinitro-2-methylph...	15.862	198	78101	42.13	ng	#	70
66) n-Nitrosodiphenylamine	15.997	169	345697	40.54	ng		100
67) 4-Bromophenyl-phenylether	16.678	248	134510	36.28	ng	#	90
68) Hexachlorobenzene	16.796	284	154177	38.81	ng	#	91
69) Atrazine	16.943	200	155616	45.37	ng		98
70) Pentachlorophenol	17.142	266	216085	81.82	ng		98
71) Phenanthrene	17.542	178	644527	41.45	ng		97
72) Anthracene	17.630	178	660720	42.83	ng		98
73) Carbazole	17.894	167	615584	41.84	ng		97
74) Di-n-butylphthalate	18.453	149	739812	45.43	ng	#	98
75) Fluoranthene	19.545	202	820703	39.64	ng		96
77) Benzidine	19.722	184	334560	38.72	ng		97
78) Pyrene	19.910	202	826578	41.72	ng		97
80) Butylbenzylphthalate	20.791	149	334536	47.52	ng		88
81) Benzo(a)anthracene	21.766	228	806053	40.29	ng		98
82) 3,3'-Dichlorobenzidine	21.678	252	120646	16.71	ng	#	95
83) Chrysene	21.837	228	754239	39.33	ng		99
84) Bis(2-ethylhexyl)phtha...	21.667	149	463112	47.61	ng		93
85) Di-n-octyl phthalate	22.918	149	793411	48.71	ng		97
87) Indeno(1,2,3-cd)pyrene	28.940	276	947739	40.69	ng	#	88
88) Benzo(b)fluoranthene	24.058	252	827270	38.44	ng	#	97
89) Benzo(k)fluoranthene	24.134	252	794068	39.10	ng	#	97
90) Benzo(a)pyrene	24.963	252	741797	37.80	ng	#	95
91) Dibenzo(a,h)anthracene	29.017	278	795084	40.01	ng	#	94
92) Benzo(g,h,i)perylene	30.139	276	779565	40.43	ng	#	93

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

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