Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123386.D
Acq On : 18 Mar 2021 16:43
Operator : JU/CG
Sample : M1682-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations APPROVED
mohammad
3/19/2021 12:06:30 PM

Quant Time: Mar 18 17:19:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 02:38:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	200086	20.00	ng		0.00
21) Naphthalene-d8	8.075	136	847325	20.00	ng		# 0.00
39) Acenaphthene-d10	9.833	164	410156	20.00	ng		0.00
64) Phenanthrene-d10	11.321	188	637086	20.00	ng		# 0.00
76) Chrysene-d12	13.968	240	317145	20.00	ng		# 0.00
86) Perylene-d12	15.409	264	308196	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1106306	78.52	ng		0.00
7) Phenol-d6	6.439	99	1306678	71.40	ng		0.00
23) Nitrobenzene-d5	7.357	82	814890	56.49	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	216075	75.38	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1283531	57.58	ng		0.00
79) Terphenyl-d14	12.904	244	1006743	61.81	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.545	88	251287	38.35	ng	#	84
3) Pyridine	3.275	79	680140	39.44	ng	#	83
4) n-Nitrosodimethylamine	3.228	42	316106	41.28	ng		91
6) Aniline	6.457	93	330302	15.32	ng	#	61
8) 2-Chlorophenol	6.581	128	609450	40.08	ng		97
9) Benzaldehyde	6.339	77	456656	Below Cal			97
10) Phenol	6.451	94	757649	48.85	ng		96
11) bis(2-Chloroethyl)ether	6.528	93	614386	42.20	ng		97
12) 1,3-Dichlorobenzene	6.733	146	602929	39.95	ng		99
13) 1,4-Dichlorobenzene	6.810	146	606973	38.53	ng		99
14) 1,2-Dichlorobenzene	6.963	146	578467	37.80	ng		99
15) Benzyl Alcohol	6.939	79	476254	40.63	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.069	45	1006997	41.90	ng		97
17) 2-Methylphenol	7.057	107	474505	39.42	ng		98
18) Hexachloroethane	7.304	117	225899	41.33	ng		90
19) n-Nitroso-di-n-propyla...	7.210	70	365209	36.35	ng	#	88
20) 3+4-Methylphenols	7.210	107	575517	52.46	ng	#	78
22) Acetophenone	7.198	105	747317	36.88	ng	#	96
24) Nitrobenzene	7.375	77	596715	37.35	ng		97
25) Isophorone	7.616	82	1127587	37.66	ng		99
26) 2-Nitrophenol	7.692	139	341730	39.55	ng	#	88
27) 2,4-Dimethylphenol	7.733	122	532118	42.58	ng		93
28) bis(2-Chloroethoxy)met...	7.827	93	732030	42.13	ng		98
29) 2,4-Dichlorophenol	7.939	162	467905	38.39	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	448265	37.84	ng		98
31) Naphthalene	8.098	128	1600063	36.05	ng		100
32) Benzoic acid	7.880	122	432528	46.85	ng		89
33) 4-Chloroaniline	8.151	127	102824	5.63	ng		96
34) Hexachlorobutadiene	8.216	225	217533	37.50	ng		98
35) Caprolactam	8.522	113	177530m	42.07	ng		
36) 4-Chloro-3-methylphenol	8.645	107	504120	39.41	ng		97
37) 2-Methylnaphthalene	8.786	142	1074267	36.69	ng		97
38) 1-Methylnaphthalene	8.886	142	983673	35.73	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	363491	37.71	ng	#	97
41) Hexachlorocyclopentadiene	8.945	237	304060	91.98	ng		96
43) 2,4,6-Trichlorophenol	9.074	196	292943	38.01	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	315990	37.91	ng		97
46) 1,1'-Biphenyl	9.251	154	1193906	35.70	ng		97
47) 2-Chloronaphthalene	9.280	162	926968	34.95	ng		97
48) 2-Nitroaniline	9.380	65	334706	38.55	ng		97
49) Acenaphthylene	9.692	152	1517826	37.11	ng		99
50) Dimethylphthalate	9.557	163	1144681	39.48	ng		99
51) 2,6-Dinitrotoluene	9.621	165	259274	37.56	ng		96
52) Acenaphthene	9.869	154	859205	35.75	ng		99
53) 3-Nitroaniline	9.786	138	97957	11.31	ng		98
54) 2,4-Dinitrophenol	9.898	184	218427	63.24	ng		92
55) Dibenzofuran	10.039	168	1232460	37.55	ng		99
56) 4-Nitrophenol	9.969	139	440831	76.33	ng		85
57) 2,4-Dinitrotoluene	10.027	165	329706	37.46	ng		97
58) Fluorene	10.380	166	922677	38.12	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	223184	37.91	ng	#	81
60) Diethylphthalate	10.257	149	1062966	37.03	ng		97
61) 4-Chlorophenyl-phenyle...	10.374	204	379300	38.46	ng		95
62) 4-Nitroaniline	10.404	138	270754	31.49	ng	#	82
63) Azobenzene	10.533	77	1078721	35.13	ng		93
65) 4,6-Dinitro-2-methylph...	10.433	198	147032	32.80	ng	#	75
66) n-Nitrosodiphenylamine	10.492	169	852463	37.42	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	235346	38.79	ng	#	91
68) Hexachlorobenzene	10.933	284	241923	38.43	ng	#	90
69) Atrazine	11.027	200	259330	42.68	ng		97
70) Pentachlorophenol	11.133	266	261313	76.53	ng		96
71) Phenanthrene	11.345	178	1386191	35.65	ng		100
72) Anthracene	11.398	178	1370463	35.04	ng		100
73) Carbazole	11.557	167	1306058	32.80	ng		99
74) Di-n-butylphthalate	11.886	149	1653849	36.56	ng		98
75) Fluoranthene	12.539	202	1296015	40.19	ng		98
77) Benzidine	12.657	184	515386	44.74	ng		98
78) Pyrene	12.762	202	1304183	44.83	ng		99
80) Butylbenzylphthalate	13.386	149	630144	45.93	ng		98
81) Benzo(a)anthracene	13.957	228	841540	40.25	ng		98
82) 3,3'-Dichlorobenzidine	13.915	252	190496	26.68	ng	#	96
83) Chrysene	13.992	228	866980	40.16	ng		100
84) Bis(2-ethylhexyl)phtha...	13.945	149	752622	45.53	ng	#	99
85) Di-n-octyl phthalate	14.556	149	1269688	45.17	ng		96
87) Indeno(1,2,3-cd)pyrene	16.845	276	923772	44.73	ng	#	86
88) Benzo(b)fluoranthene	14.998	252	843829	38.10	ng	#	96
89) Benzo(k)fluoranthene	15.021	252	707313	35.65	ng	#	96
90) Benzo(a)pyrene	15.351	252	734358	37.59	ng	#	95
91) Dibenzo(a,h)anthracene	16.862	278	729128	42.75	ng	#	92
92) Benzo(g,h,i)perylene	17.280	276	810772	44.71	ng	#	87

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

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