Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010821\
Data File : BG047894.D
Acq On : 8 Jan 2021 20:05
Operator : CG/JU
Sample : M1019-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20410MSD

Manual Integrations APPROVED
mohammad
1/11/2021 10:26:55 AM

Quant Time: Jan 09 00:56:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 11:19:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.163	152	29961	20.00	ng		0.00
21) Naphthalene-d8	10.990	136	109986	20.00	ng		# 0.00
39) Acenaphthene-d10	14.791	164	85626	20.00	ng		0.00
64) Phenanthrene-d10	17.535	188	226549	20.00	ng		# 0.00
76) Chrysene-d12	21.812	240	234506	20.00	ng		# 0.00
86) Perylene-d12	25.138	264	245086	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.749	112	238304	137.59	ng		0.00
7) Phenol-d6	7.394	99	313208	123.71	ng		0.00
23) Nitrobenzene-d5	9.339	82	242701	81.16	ng		0.00
42) 2,4,6-Tribromophenol	16.289	330	217219	148.60	ng		0.00
45) 2-Fluorobiphenyl	13.422	172	542098	81.92	ng		0.00
79) Terphenyl-d14	20.126	244	1135843	79.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.516	88	25033	33.64	ng	#	51
3) Pyridine	3.939	79	45354	23.62	ng	#	80
4) n-Nitrosodimethylamine	3.833	42	59535	39.18	ng	#	50
6) Aniline	7.482	93	31336	11.16	ng	#	85
8) 2-Chlorophenol	7.758	128	88535	50.15	ng		92
9) Benzaldehyde	7.288	77	20777	12.52	ng		91
10) Phenol	7.423	94	133723	58.26	ng	#	63
11) bis(2-Chloroethyl)ether	7.570	93	78209	47.81	ng		97
12) 1,3-Dichlorobenzene	8.052	146	101477	42.64	ng	#	85
13) 1,4-Dichlorobenzene	8.199	146	103684m	43.60	ng		
14) 1,2-Dichlorobenzene	8.522	146	97902m	43.78	ng		
15) Benzyl Alcohol	8.410	79	108860	48.53	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.686	45	68003	41.85	ng	#	1
17) 2-Methylphenol	8.675	107	84838	52.38	ng	#	76
18) Hexachloroethane	9.262	117	38895	41.72	ng		94
19) n-Nitroso-di-n-propyla...	8.968	70	84225	47.81	ng		97
20) 3+4-Methylphenols	9.010	107	110792	49.93	ng	#	74
22) Acetophenone	8.992	105	147885	46.98	ng	#	85
24) Nitrobenzene	9.380	77	123987	43.93	ng		89
25) Isophorone	9.903	82	219839	48.76	ng	#	94
26) 2-Nitrophenol	10.097	139	54424	48.74	ng	#	57
27) 2,4-Dimethylphenol	10.191	122	90282	56.17	ng		87
28) bis(2-Chloroethoxy)met...	10.379	93	104445	44.81	ng	#	96
29) 2,4-Dichlorophenol	10.708	162	104771	50.06	ng		88
30) 1,2,4-Trichlorobenzene	10.849	180	114765	42.74	ng		98
31) Naphthalene	11.042	128	272211	45.03	ng		97
32) Benzoic acid	10.349	122	30455	36.09	ng	#	79
33) 4-Chloroaniline	11.148	127	8258	3.22	ng	#	82
34) Hexachlorobutadiene	11.319	225	92809	39.19	ng		98
35) Caprolactam	11.912	113	28922m	43.51	ng		
36) 4-Chloro-3-methylphenol	12.347	107	122172	53.41	ng		83
37) 2-Methylnaphthalene	12.635	142	214827	45.81	ng	#	91
38) 1-Methylnaphthalene	12.852	142	199679	45.05	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.999	216	157853	44.92	ng	#	96
41) Hexachlorocyclopentadiene	12.981	237	174880	91.90	ng		95
43) 2,4,6-Trichlorophenol	13.263	196	106896	47.60	ng		93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.416	196	115020	51.77	ng	#	92
46)	1,1'-Biphenyl	13.634	154	298827	45.73	ng		95
47)	2-Chloronaphthalene	13.681	162	235519	44.33	ng		99
48)	2-Nitroaniline	13.880	65	87379	44.51	ng	#	69
49)	Acenaphthylene	14.521	152	365789	46.39	ng		98
50)	Dimethylphthalate	14.239	163	369067	50.00	ng		99
51)	2,6-Dinitrotoluene	14.362	165	75552	50.35	ng	#	54
52)	Acenaphthene	14.862	154	295262m	53.09	ng		
53)	3-Nitroaniline	14.697	138	12376	8.32	ng	#	70
54)	2,4-Dinitrophenol	14.909	184	89739	93.36	ng	#	52
55)	Dibenzofuran	15.191	168	376694	46.72	ng	#	84
56)	4-Nitrophenol	15.191	139	262870	245.25	ng	#	38
57)	2,4-Dinitrotoluene	15.149	165	111227	49.87	ng	#	59
58)	Fluorene	15.837	166	332730	48.58	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.437	232	117458	51.76	ng	#	97
60)	Diethylphthalate	15.590	149	342557	48.14	ng		99
61)	4-Chlorophenyl-phenyle...	15.825	204	204173	47.31	ng		99
62)	4-Nitroaniline	15.860	138	66580	40.71	ng	#	19
63)	Azobenzene	16.119	77	310984	46.87	ng		90
65)	4,6-Dinitro-2-methylph...	15.913	198	76510	52.85	ng		90
66)	n-Nitrosodiphenylamine	16.037	169	310682	47.93	ng		95
67)	4-Bromophenyl-phenylether	16.718	248	138995	45.66	ng		93
68)	Hexachlorobenzene	16.842	284	153966	46.62	ng		94
69)	Atrazine	16.977	200	117694	43.22	ng		97
70)	Pentachlorophenol	17.206	266	155054	67.39	ng		99
71)	Phenanthrene	17.576	178	582867	47.73	ng		96
72)	Anthracene	17.670	178	587071	49.58	ng		97
73)	Carbazole	17.940	167	526381	50.77	ng		99
74)	Di-n-butylphthalate	18.475	149	602594	49.31	ng	#	96
75)	Fluoranthene	19.574	202	803904	49.10	ng		92
77)	Benzidine	19.744	184	46225m	7.33	ng		
78)	Pyrene	19.938	202	815786	48.56	ng		94
80)	Butylbenzylphthalate	20.802	149	274756	47.69	ng		88
81)	Benzo(a)anthracene	21.789	228	797994	47.37	ng		97
82)	3,3'-Dichlorobenzidine	21.695	252	101219	17.07	ng	#	98
83)	Chrysene	21.859	228	764344	48.05	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.671	149	378847	47.71	ng		97
85)	Di-n-octyl phthalate	22.917	149	647109	48.06	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.974	276	924858	49.70	ng	#	86
88)	Benzo(b)fluoranthene	24.080	252	863886	51.12	ng	#	92
89)	Benzo(k)fluoranthene	24.151	252	812784	49.61	ng	#	96
90)	Benzo(a)pyrene	24.991	252	763241	48.54	ng	#	94
91)	Dibenzo(a,h)anthracene	29.033	278	776165	51.48	ng	#	91
92)	Benzo(g,h,i)perylene	30.173	276	767489	52.05	ng	#	88

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

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