Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047979.D
Acq On : 22 Jan 2021 15:31
Operator : CG/JU
Sample : PB134267BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134267BSD

Manual Integrations APPROVED
mohammad
1/25/2021 11:27:38 AM

Quant Time: Jan 22 17:18:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 21 14:42:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.141	152	46551	20.00	ng		0.00
21) Naphthalene-d8	10.961	136	182468	20.00	ng		0.00
39) Acenaphthene-d10	14.769	164	135740	20.00	ng		0.00
64) Phenanthrene-d10	17.507	188	334176	20.00	ng		# 0.00
76) Chrysene-d12	21.790	240	361921	20.00	ng		# 0.00
86) Perylene-d12	25.092	264	378573	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.697	112	345420	121.02	ng		0.00
7) Phenol-d6	7.289	99	468964	108.84	ng		0.00
23) Nitrobenzene-d5	9.304	82	307777	74.17	ng		0.00
42) 2,4,6-Tribromophenol	16.249	330	246615	113.53	ng		0.00
45) 2-Fluorobiphenyl	13.394	172	692896	68.17	ng		0.00
79) Terphenyl-d14	20.109	244	1279362	65.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	40886	31.37	ng	#	87
3) Pyridine	3.981	79	121936	30.80	ng	#	90
4) n-Nitrosodimethylamine	3.893	42	76980	38.76	ng	#	69
6) Aniline	7.459	93	113645	22.10	ng	#	89
8) 2-Chlorophenol	7.706	128	134169	45.67	ng		89
9) Benzaldehyde	7.271	77	101837	42.49	ng		82
10) Phenol	7.318	94	180796	44.32	ng		81
11) bis(2-Chloroethyl)ether	7.553	93	126612	39.44	ng		91
12) 1,3-Dichlorobenzene	8.035	146	145641	38.98	ng	#	91
13) 1,4-Dichlorobenzene	8.176	146	145776	38.91	ng		95
14) 1,2-Dichlorobenzene	8.499	146	139840m	38.88	ng		
15) Benzyl Alcohol	8.376	79	151345	42.05	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.664	45	193788	35.68	ng		97
17) 2-Methylphenol	8.576	107	121001	44.40	ng	#	86
18) Hexachloroethane	9.234	117	53839	38.23	ng		97
19) n-Nitroso-di-n-propyla...	8.946	70	115142	37.76	ng		94
20) 3+4-Methylphenols	8.899	107	162607	43.45	ng		89
22) Acetophenone	8.964	105	206214	38.29	ng	#	90
24) Nitrobenzene	9.345	77	174405	41.63	ng	#	84
25) Isophorone	9.874	82	306995	39.39	ng	#	94
26) 2-Nitrophenol	10.062	139	72210	46.15	ng	#	71
27) 2,4-Dimethylphenol	10.115	122	125201	48.06	ng		89
28) bis(2-Chloroethoxy)met...	10.350	93	173797	37.49	ng		93
29) 2,4-Dichlorophenol	10.597	162	143085	44.03	ng		96
30) 1,2,4-Trichlorobenzene	10.814	180	158503	38.15	ng		96
31) Naphthalene	11.008	128	396528	39.21	ng		99
32) Benzoic acid	10.233	122	90374	43.23	ng	#	85
33) 4-Chloroaniline	11.108	127	43993	9.83	ng	#	92
34) Hexachlorobutadiene	11.296	225	116812	37.72	ng		96
35) Caprolactam	11.878	113	48511m	39.63	ng		
36) 4-Chloro-3-methylphenol	12.219	107	157745	43.62	ng		86
37) 2-Methylnaphthalene	12.606	142	296769	38.67	ng	#	94
38) 1-Methylnaphthalene	12.824	142	282965m	39.39	ng		
40) 1,2,4,5-Tetrachloroben...	12.965	216	199315	38.47	ng	#	96
41) Hexachlorocyclopentadiene	12.953	237	284033	102.58	ng		100
43) 2,4,6-Trichlorophenol	13.200	196	138823	41.95	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.270	196	148177	43.72	ng	#	95
46) 1,1'-Biphenyl	13.605	154	406806	39.31	ng		99
47) 2-Chloronaphthalene	13.646	162	313731	37.43	ng		95
48) 2-Nitroaniline	13.840	65	114137	38.99	ng	#	80
49) Acenaphthylene	14.492	152	506019	38.48	ng		99
50) Dimethylphthalate	14.216	163	441649	37.43	ng		99
51) 2,6-Dinitrotoluene	14.334	165	96970	42.69	ng	#	76
52) Acenaphthene	14.833	154	381592	43.76	ng		99
53) 3-Nitroaniline	14.657	138	40882	16.49	ng	#	88
54) 2,4-Dinitrophenol	14.863	184	125855	96.70	ng	#	74
55) Dibenzofuran	15.162	168	491527	37.91	ng		92
56) 4-Nitrophenol	14.957	139	161508	83.46	ng	#	55
57) 2,4-Dinitrotoluene	15.115	165	134894	42.32	ng	#	79
58) Fluorene	15.814	166	419487	38.10	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.385	232	152122	43.23	ng	#	97
60) Diethylphthalate	15.579	149	429927	37.15	ng		97
61) 4-Chlorophenyl-phenyle...	15.803	204	248672	37.78	ng		97
62) 4-Nitroaniline	15.820	138	93355	34.21	ng	#	62
63) Azobenzene	16.096	77	423569	37.34	ng		91
65) 4,6-Dinitro-2-methylph...	15.879	198	88040	52.30	ng		82
66) n-Nitrosodiphenylamine	16.014	169	395328	40.53	ng		96
67) 4-Bromophenyl-phenylether	16.696	248	174217	39.31	ng		97
68) Hexachlorobenzene	16.813	284	184507	39.22	ng		99
69) Atrazine	16.954	200	142890	39.26	ng		99
70) Pentachlorophenol	17.154	266	249391	92.03	ng		96
71) Phenanthrene	17.554	178	713938	39.51	ng		99
72) Anthracene	17.642	178	739325	41.78	ng		97
73) Carbazole	17.906	167	650193	40.29	ng		98
74) Di-n-butylphthalate	18.464	149	740522	38.54	ng	#	98
75) Fluoranthene	19.551	202	972331	40.42	ng		97
77) Benzidine	19.722	184	286240	30.91	ng		99
78) Pyrene	19.910	202	963926	39.36	ng		97
80) Butylbenzylphthalate	20.797	149	342489	39.48	ng		91
81) Benzo(a)anthracene	21.766	228	990178	39.61	ng		98
82) 3,3'-Dichlorobenzidine	21.678	252	203520	23.53	ng	#	97
83) Chrysene	21.837	228	948477	39.62	ng		99
84) Bis(2-ethylhexyl)phtha...	21.678	149	497515	40.35	ng		97
85) Di-n-octyl phthalate	22.924	149	841671	40.75	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.864	276	1207232	41.67	ng	#	89
88) Benzo(b)fluoranthene	24.046	252	1041418	41.35	ng	#	97
89) Benzo(k)fluoranthene	24.111	252	1022019	41.78	ng	#	97
90) Benzo(a)pyrene	24.939	252	957592	40.36	ng	#	96
91) Dibenzo(a,h)anthracene	28.940	278	998997	42.28	ng	#	95
92) Benzo(g,h,i)perylene	30.045	276	989585	42.85	ng	#	94

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

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