Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012521\
Data File : BG047997.D
Acq On : 25 Jan 2021 20:17
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG012521

Manual Integrations APPROVED
mohammad
1/27/2021 1:07:46 PM

Quant Time: Jan 25 22:05:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.135	152	38311	20.00	ng		# 0.00
21) Naphthalene-d8	10.949	136	151869	20.00	ng		0.00
39) Acenaphthene-d10	14.756	164	117039	20.00	ng		0.00
64) Phenanthrene-d10	17.494	188	295379	20.00	ng		0.00
76) Chrysene-d12	21.771	240	301933	20.00	ng		# 0.00
86) Perylene-d12	25.056	264	303314	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	195269	78.33	ng		0.00
7) Phenol-d6	7.277	99	309047	81.54	ng		0.00
23) Nitrobenzene-d5	9.292	82	317423	82.70	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	167211	85.78	ng		0.00
45) 2-Fluorobiphenyl	13.381	172	729989	80.64	ng		0.00
79) Terphenyl-d14	20.097	244	1429085	82.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	42440	38.19	ng		95
3) Pyridine	3.975	79	131921	39.55	ng		91
4) n-Nitrosodimethylamine	3.881	42	60969	39.56	ng		84
6) Aniline	7.453	93	187206	40.89	ng		94
8) 2-Chlorophenol	7.694	128	104430	40.02	ng		91
9) Benzaldehyde	7.265	77	80318	41.31	ng		85
10) Phenol	7.300	94	148376	40.84	ng		83
11) bis(2-Chloroethyl)ether	7.547	93	113179	39.78	ng		95
12) 1,3-Dichlorobenzene	8.023	146	123448	39.19	ng	#	93
13) 1,4-Dichlorobenzene	8.170	146	126665	40.12	ng		95
14) 1,2-Dichlorobenzene	8.487	146	120415m	39.96	ng		
15) Benzyl Alcohol	8.364	79	129442	40.37	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.657	45	158701	39.74	ng		96
17) 2-Methylphenol	8.563	107	97607	39.75	ng	#	89
18) Hexachloroethane	9.222	117	46743	37.95	ng		100
19) n-Nitroso-di-n-propyla...	8.939	70	110391	39.90	ng		95
20) 3+4-Methylphenols	8.892	107	136754	40.26	ng		91
22) Acetophenone	8.957	105	189920	40.58	ng	#	95
24) Nitrobenzene	9.339	77	158673	41.28	ng	#	86
25) Isophorone	9.862	82	281201	40.83	ng		93
26) 2-Nitrophenol	10.050	139	66065	41.77	ng	#	71
27) 2,4-Dimethylphenol	10.103	122	91808	39.95	ng	#	84
28) bis(2-Chloroethoxy)met...	10.344	93	167807	40.49	ng		94
29) 2,4-Dichlorophenol	10.585	162	126568	42.80	ng		93
30) 1,2,4-Trichlorobenzene	10.808	180	145896	40.81	ng		98
31) Naphthalene	10.996	128	357396	40.70	ng		99
32) Benzoic acid	10.220	122	90822	44.13	ng	#	80
33) 4-Chloroaniline	11.096	127	166839	41.57	ng	#	90
34) Hexachlorobutadiene	11.284	225	104035	40.98	ng		98
35) Caprolactam	11.865	113	47218	41.95	ng		98
36) 4-Chloro-3-methylphenol	12.200	107	136967	41.28	ng		86
37) 2-Methylnaphthalene	12.594	142	273837	41.29	ng	#	90
38) 1-Methylnaphthalene	12.811	142	259354m	40.99	ng		
40) 1,2,4,5-Tetrachloroben...	12.958	216	181904	40.77	ng		98
41) Hexachlorocyclopentadiene	12.941	237	102929	40.73	ng		97
43) 2,4,6-Trichlorophenol	13.187	196	128537	41.31	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.258	196	134488	41.70	ng	#	96
46) 1,1'-Biphenyl	13.593	154	368820	40.76	ng		99
47) 2-Chloronaphthalene	13.634	162	315380	40.05	ng		98
48) 2-Nitroaniline	13.828	65	120712	42.24	ng	#	76
49) Acenaphthylene	14.480	152	466591	40.15	ng		98
50) Dimethylphthalate	14.204	163	435532	41.11	ng		98
51) 2,6-Dinitrotoluene	14.321	165	89951	40.85	ng	#	66
52) Acenaphthene	14.821	154	325263	41.34	ng		95
53) 3-Nitroaniline	14.650	138	101827	42.15	ng		81
54) 2,4-Dinitrophenol	14.850	184	64824	47.08	ng	#	80
55) Dibenzofuran	15.150	168	487303	40.84	ng		97
56) 4-Nitrophenol	14.938	139	79544	42.20	ng	#	61
57) 2,4-Dinitrotoluene	15.103	165	134502	42.29	ng	#	71
58) Fluorene	15.796	166	388400	40.48	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.373	232	137679	42.69	ng	#	96
60) Diethylphthalate	15.561	149	447829	41.12	ng		95
61) 4-Chlorophenyl-phenyle...	15.790	204	242609	41.29	ng		97
62) 4-Nitroaniline	15.808	138	110029	41.81	ng	#	64
63) Azobenzene	16.084	77	410148	40.01	ng		91
65) 4,6-Dinitro-2-methylph...	15.867	198	82188	43.11	ng		88
66) n-Nitrosodiphenylamine	16.002	169	364456	41.06	ng		98
67) 4-Bromophenyl-phenylether	16.683	248	167392	42.41	ng		96
68) Hexachlorobenzene	16.801	284	176419	41.10	ng		97
69) Atrazine	16.942	200	140822	41.77	ng		98
70) Pentachlorophenol	17.142	266	115868	44.46	ng		98
71) Phenanthrene	17.541	178	708529	41.58	ng		98
72) Anthracene	17.629	178	688117	41.06	ng		99
73) Carbazole	17.894	167	638736	40.84	ng		99
74) Di-n-butylphthalate	18.452	149	777642	40.71	ng	#	99
75) Fluoranthene	19.539	202	906977	40.59	ng		97
77) Benzidine	19.715	184	353399	40.57	ng		99
78) Pyrene	19.897	202	912329	41.26	ng		98
80) Butylbenzylphthalate	20.779	149	349236	41.35	ng		87
81) Benzo(a)anthracene	21.754	228	892381	40.67	ng		98
82) 3,3'-Dichlorobenzidine	21.660	252	311938	42.19	ng		97
83) Chrysene	21.819	228	855619	41.04	ng		99
84) Bis(2-ethylhexyl)phtha...	21.660	149	471197	40.74	ng		95
85) Di-n-octyl phthalate	22.900	149	798487	41.27	ng		97
87) Indeno(1,2,3-cd)pyrene	28.810	276	1000249	41.00	ng	#	90
88) Benzo(b)fluoranthene	24.016	252	890129	41.29	ng	#	97
89) Benzo(k)fluoranthene	24.086	252	857875	40.95	ng	#	98
90) Benzo(a)pyrene	24.909	252	832268	41.11	ng	#	95
91) Dibenzo(a,h)anthracene	28.893	278	820066	40.73	ng	#	95
92) Benzo(g,h,i)perylene	29.985	276	799899	41.24	ng	#	93

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

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