Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047953.D
Acq On : 21 Jan 2021 14:35
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG012121

Manual Integrations APPROVED
mohammad
1/22/2021 11:55:18 AM

Quant Time: Jan 21 15:14:20 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	8.149	152	40680	20.00	ng		0.00
21) Naphthalene-d8	10.970	136	159396	20.00	ng		0.00
39) Acenaphthene-d10	14.777	164	120194	20.00	ng		0.00
64) Phenanthrene-d10	17.515	188	315739	20.00	ng	#	0.00
76) Chrysene-d12	21.804	240	342155	20.00	ng	#	0.00
86) Perylene-d12	25.112	264	349332	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.699	112	182376	73.12	ng		0.00
7) Phenol-d6	7.292	99	275487	73.17	ng		0.00
23) Nitrobenzene-d5	9.313	82	273964	75.58	ng		0.00
42) 2,4,6-Tribromophenol	16.258	330	149775	77.87	ng		0.00
45) 2-Fluorobiphenyl	13.402	172	637329	70.81	ng		0.00
79) Terphenyl-d14	20.118	244	1319711	71.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.590	88	42673	38.30	ng	#	85
3) Pyridine	3.990	79	129410	37.41	ng		95
4) n-Nitrosodimethylamine	3.901	42	64144	36.96	ng	#	72
6) Aniline	7.468	93	165985	36.93	ng		92
8) 2-Chlorophenol	7.709	128	94909	36.97	ng		86
9) Benzaldehyde	7.280	77	83399	39.65	ng	#	82
10) Phenol	7.315	94	130327	36.55	ng		77
11) bis(2-Chloroethyl)ether	7.562	93	101395	36.14	ng		93
12) 1,3-Dichlorobenzene	8.038	146	120727	36.97	ng	#	89
13) 1,4-Dichlorobenzene	8.185	146	120085	36.67	ng		93
14) 1,2-Dichlorobenzene	8.508	146	112484m	35.78	ng		
15) Benzyl Alcohol	8.379	79	120016	38.16	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.678	45	173613	36.58	ng		98
17) 2-Methylphenol	8.578	107	88020	36.96	ng	#	87
18) Hexachloroethane	9.242	117	44341	36.03	ng		99
19) n-Nitroso-di-n-propyla...	8.954	70	97378	36.54	ng	#	92
20) 3+4-Methylphenols	8.907	107	122149	37.35	ng		90
22) Acetophenone	8.972	105	167553	35.61	ng	#	91
24) Nitrobenzene	9.354	77	141709	38.72	ng	#	85
25) Isophorone	9.877	82	246492	36.20	ng	#	92
26) 2-Nitrophenol	10.065	139	53976	39.49	ng	#	78
27) 2,4-Dimethylphenol	10.118	122	83095	36.51	ng		89
28) bis(2-Chloroethoxy)met...	10.359	93	147537	36.44	ng	#	94
29) 2,4-Dichlorophenol	10.599	162	104682	36.87	ng		96
30) 1,2,4-Trichlorobenzene	10.829	180	128173	35.31	ng		99
31) Naphthalene	11.017	128	321115	36.35	ng		99
32) Benzoic acid	10.223	122	70438	40.34	ng	#	82
33) 4-Chloroaniline	11.111	127	144516	36.97	ng	#	90
34) Hexachlorobutadiene	11.304	225	97265	35.95	ng		96
35) Caprolactam	11.880	113	40099	37.50	ng	#	74
36) 4-Chloro-3-methylphenol	12.221	107	121605	38.49	ng		89
37) 2-Methylnaphthalene	12.615	142	244139	36.42	ng	#	94
38) 1-Methylnaphthalene	12.832	142	230916	36.79	ng		99
40) 1,2,4,5-Tetrachloroben...	12.973	216	161099	35.11	ng		98
41) Hexachlorocyclopentadiene	12.955	237	89192	36.38	ng		99
43) 2,4,6-Trichlorophenol	13.208	196	108761	37.12	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.273	196	113374	37.78	ng	#	94
46) 1,1'-Biphenyl	13.614	154	324812	35.45	ng		95
47) 2-Chloronaphthalene	13.655	162	263394	35.49	ng		94
48) 2-Nitroaniline	13.843	65	101446	39.14	ng	#	78
49) Acenaphthylene	14.495	152	412864	35.46	ng		98
50) Dimethylphthalate	14.225	163	381281	36.49	ng		98
51) 2,6-Dinitrotoluene	14.336	165	76796	38.18	ng	#	60
52) Acenaphthene	14.842	154	278204	36.03	ng		99
53) 3-Nitroaniline	14.665	138	83462	38.03	ng		86
54) 2,4-Dinitrophenol	14.865	184	44506	38.62	ng	#	69
55) Dibenzofuran	15.171	168	411453	35.83	ng		94
56) 4-Nitrophenol	14.953	139	68150	39.77	ng	#	53
57) 2,4-Dinitrotoluene	15.124	165	112255	39.78	ng	#	79
58) Fluorene	15.817	166	348177	35.71	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.388	232	119960	38.50	ng		97
60) Diethylphthalate	15.588	149	377065	36.79	ng		96
61) 4-Chlorophenyl-phenyle...	15.811	204	207561	35.61	ng		98
62) 4-Nitroaniline	15.829	138	94290	39.03	ng	#	69
63) Azobenzene	16.099	77	358903	35.73	ng		88
65) 4,6-Dinitro-2-methylph...	15.881	198	60330	37.93	ng		81
66) n-Nitrosodiphenylamine	16.022	169	327336	35.52	ng		96
67) 4-Bromophenyl-phenylether	16.704	248	147307	35.18	ng		96
68) Hexachlorobenzene	16.822	284	158331	35.63	ng		97
69) Atrazine	16.963	200	129637	37.70	ng		97
70) Pentachlorophenol	17.156	266	101934	39.81	ng		98
71) Phenanthrene	17.562	178	607053	35.55	ng		98
72) Anthracene	17.650	178	598371	35.79	ng		98
73) Carbazole	17.914	167	556480	36.49	ng		98
74) Di-n-butylphthalate	18.473	149	677444	37.32	ng	#	98
75) Fluoranthene	19.560	202	828539	36.45	ng		97
77) Benzidine	19.736	184	305122	34.85	ng		99
78) Pyrene	19.924	202	827930	35.76	ng		97
80) Butylbenzylphthalate	20.805	149	303793	37.04	ng	#	86
81) Benzo(a)anthracene	21.780	228	840799	35.58	ng		98
82) 3,3'-Dichlorobenzidine	21.692	252	294702	36.05	ng	#	95
83) Chrysene	21.851	228	797809	35.25	ng		99
84) Bis(2-ethylhexyl)phtha...	21.692	149	421846	36.19	ng		97
85) Di-n-octyl phthalate	22.944	149	718725	36.81	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.901	276	984044	36.81	ng	#	89
88) Benzo(b)fluoranthene	24.060	252	863056	37.13	ng	#	96
89) Benzo(k)fluoranthene	24.131	252	824922	36.55	ng	#	96
90) Benzo(a)pyrene	24.953	252	812619	37.12	ng	#	98
91) Dibenzo(a,h)anthracene	28.972	278	799622	36.68	ng	#	96
92) Benzo(g,h,i)perylene	30.088	276	779521	36.58	ng	#	94

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

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