Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
Data File : BG048974.D
Acq On : 15 Jun 2021 12:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/16/2021 3:53:14 PM

Quant Time: Jun 15 12:50:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.120	152	37926	20.000	ng		0.00
21) Naphthalene-d8	10.946	136	161331	20.000	ng	#	0.00
39) Acenaphthene-d10	14.765	164	114214	20.000	ng		0.00
64) Phenanthrene-d10	17.509	188	263546	20.000	ng	#	0.00
76) Chrysene-d12	21.804	240	257820	20.000	ng		-0.01
86) Perylene-d12	25.141	264	266643	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	185178	76.007	ng		0.00
7) Phenol-d6	7.268	99	275212	75.367	ng		0.00
23) Nitrobenzene-d5	9.289	82	267410	71.472	ng		0.00
42) 2,4,6-Tribromophenol	16.252	330	115337	68.160	ng		0.00
45) 2-Fluorobiphenyl	13.385	172	568845	70.358	ng		0.00
79) Terphenyl-d14	20.118	244	1007669	71.579	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.543	88	42916	36.082	ng	#	76
3) Pyridine	3.949	79	127501	39.516	ng	#	86
4) n-Nitrosodimethylamine	3.860	42	69644m	45.073	ng		
6) Aniline	7.439	93	170511	37.079	ng		98
8) 2-Chlorophenol	7.679	128	98797	36.791	ng		85
9) Benzaldehyde	7.245	77	64278	34.018	ng		90
10) Phenol	7.298	94	139659	37.021	ng		91
11) bis(2-Chloroethyl)ether	7.533	93	98634	35.239	ng	#	79
12) 1,3-Dichlorobenzene	8.008	146	112579	37.529	ng		97
13) 1,4-Dichlorobenzene	8.155	146	113375	37.909	ng		97
14) 1,2-Dichlorobenzene	8.479	146	107413	37.334	ng		96
15) Benzyl Alcohol	8.355	79	120700	36.092	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.649	45	194642	36.752	ng		79
17) 2-Methylphenol	8.561	107	92057	37.211	ng		96
18) Hexachloroethane	9.213	117	43968	36.646	ng		98
19) n-Nitroso-di-n-propyla...	8.925	70	101156	35.440	ng	#	95
20) 3+4-Methylphenols	8.890	107	123665	36.561	ng		97
22) Acetophenone	8.943	105	172007	35.044	ng	#	95
24) Nitrobenzene	9.330	77	150954	35.818	ng		98
25) Isophorone	9.853	82	276349	33.903	ng	#	97
26) 2-Nitrophenol	10.047	139	49158	34.386	ng	#	93
27) 2,4-Dimethylphenol	10.100	122	87015	33.571	ng		96
28) bis(2-Chloroethoxy)met...	10.335	93	126658	33.558	ng		95
29) 2,4-Dichlorophenol	10.588	162	100469	34.550	ng		89
30) 1,2,4-Trichlorobenzene	10.799	180	116804	35.035	ng		97
31) Naphthalene	10.993	128	330471	34.384	ng		98
32) Benzoic acid	10.241	122	59153	34.940	ng		86
33) 4-Chloroaniline	11.093	127	136480	33.444	ng		95
34) Hexachlorobutadiene	11.281	225	83529	35.153	ng		94
35) Caprolactam	11.869	113	33077	39.350	ng	#	33
36) 4-Chloro-3-methylphenol	12.215	107	119546	33.634	ng	#	93
37) 2-Methylnaphthalene	12.597	142	244221	33.641	ng		97
38) 1-Methylnaphthalene	12.815	142	233394	34.244	ng		95
40) 1,2,4,5-Tetrachloroben...	12.956	216	127041	35.029	ng		98
41) Hexachlorocyclopentadiene	12.944	237	80164	34.384	ng		89
43) 2,4,6-Trichlorophenol	13.197	196	89060	36.701	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.279	196	98919	39.422	ng		93
46) 1,1'-Biphenyl	13.596	154	292339	34.718	ng		96
47) 2-Chloronaphthalene	13.637	162	238359	35.448	ng		98
48) 2-Nitroaniline	13.837	65	83673	36.253	ng		100
49) Acenaphthylene	14.483	152	390979	34.893	ng		95
50) Dimethylphthalate	14.213	163	309689	34.809	ng		99
51) 2,6-Dinitrotoluene	14.330	165	64370	35.528	ng		94
52) Acenaphthene	14.824	154	250334	34.661	ng		92
53) 3-Nitroaniline	14.659	138	66759	36.394	ng		83
54) 2,4-Dinitrophenol	14.859	184	30922	36.845	ng	#	78
55) Dibenzofuran	15.159	168	387903	34.552	ng		98
56) 4-Nitrophenol	14.977	139	54038	36.135	ng		88
57) 2,4-Dinitrotoluene	15.112	165	90964	40.874	ng		91
58) Fluorene	15.811	166	318001	34.640	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.382	232	86223	33.947	ng		98
60) Diethylphthalate	15.576	149	325868	33.819	ng		97
61) 4-Chlorophenyl-phenyle...	15.799	204	166125	34.608	ng		96
62) 4-Nitroaniline	15.823	138	71902	38.759	ng	#	76
63) Azobenzene	16.093	77	371107	33.660	ng		88
65) 4,6-Dinitro-2-methylph...	15.876	198	47414	37.939	ng		89
66) n-Nitrosodiphenylamine	16.011	169	277903	33.836	ng		98
67) 4-Bromophenyl-phenylether	16.698	248	109382	33.240	ng		97
68) Hexachlorobenzene	16.816	284	120106	33.675	ng		97
69) Atrazine	16.963	200	94331	35.782	ng		97
70) Pentachlorophenol	17.157	266	71501	33.358	ng		99
71) Phenanthrene	17.556	178	498206	33.596	ng		97
72) Anthracene	17.644	178	504706	33.870	ng		97
73) Carbazole	17.915	167	489647	34.281	ng		99
74) Di-n-butylphthalate	18.473	149	559914	34.950	ng		98
75) Fluoranthene	19.560	202	630451	35.256	ng		98
77) Benzidine	19.736	184	221558	42.658	ng		98
78) Pyrene	19.924	202	627288	33.521	ng		96
80) Butylbenzylphthalate	20.805	149	244082	34.571	ng		95
81) Benzo(a)anthracene	21.786	228	631355	34.106	ng		99
82) 3,3'-Dichlorobenzidine	21.698	252	223886	37.820	ng		99
83) Chrysene	21.851	228	605692	34.126	ng		96
84) Bis(2-ethylhexyl)phtha...	21.692	149	359055	35.677	ng		98
85) Di-n-octyl phthalate	22.950	149	617635	36.186	ng		96
87) Indeno(1,2,3-cd)pyrene	28.966	276	750166	37.383	ng	#	97
88) Benzo(b)fluoranthene	24.084	252	685925	36.086	ng	#	94
89) Benzo(k)fluoranthene	24.154	252	626936	34.763	ng	#	98
90) Benzo(a)pyrene	24.989	252	624714	36.004	ng	#	98
91) Dibenzo(a,h)anthracene	29.043	278	629739	37.549	ng	#	97
92) Benzo(g,h,i)perylene	30.165	276	622916	36.834	ng	#	98

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

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