Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030724\
Data File : BG060585.D
Acq On : 7 Mar 2024 12:08
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 08 03:21:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 08 03:18:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.326	152	65677	20.000	ng		0.00
21) Naphthalene-d8	11.170	136	287239	20.000	ng		0.00
39) Acenaphthene-d10	14.948	164	203751	20.000	ng		0.00
64) Phenanthrene-d10	17.698	188	460564	20.000	ng		0.00
76) Chrysene-d12	22.022	240	441124	20.000	ng		0.00
86) Perylene-d12	25.582	264	487278	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.806	112	41302	10.422	ng		0.00
7) Phenol-d6	7.427	99	58387	9.758	ng		-0.01
23) Nitrobenzene-d5	9.519	82	36354	7.252	ng		-0.01
42) 2,4,6-Tribromophenol	16.434	330	21068	8.494	ng		0.00
45) 2-Fluorobiphenyl	13.573	172	155717	10.440	ng		0.00
79) Terphenyl-d14	20.277	244	261698	10.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.649	88	8869m	5.121	ng		
3) Pyridine	4.066	79	25494m	4.798	ng		
4) n-Nitrosodimethylamine	3.996	42	11982m	4.452	ng		
6) Aniline	7.645	93	37905	5.116	ng		97
8) 2-Chlorophenol	7.868	128	21342	4.760	ng		95
9) Benzaldehyde	7.468	77	18200	5.369	ng		92
10) Phenol	7.463	94	27976	4.745	ng		92
11) bis(2-Chloroethyl)ether	7.739	93	23319	4.898	ng		97
12) 1,3-Dichlorobenzene	8.209	146	26245	5.307	ng		95
13) 1,4-Dichlorobenzene	8.361	146	24974	4.989	ng		99
14) 1,2-Dichlorobenzene	8.679	146	25200	5.167	ng		97
15) Benzyl Alcohol	8.561	79	22126	4.668	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.843	45	44884m	4.775	ng		
17) 2-Methylphenol	8.743	107	22399	4.862	ng		95
18) Hexachloroethane	9.407	117	8589	5.087	ng		88
19) n-Nitroso-di-n-propyla...	9.125	70	19395	4.636	ng		95
20) 3+4-Methylphenols	9.066	107	28486	4.624	ng		97
22) Acetophenone	9.166	105	39654	4.878	ng	#	94
24) Nitrobenzene	9.560	77	19906	3.883	ng		97
25) Isophorone	10.071	82	54389	4.870	ng		95
26) 2-Nitrophenol	10.271	139	5994	6.432	ng	#	82
27) 2,4-Dimethylphenol	10.294	122	28125	5.721	ng		90
28) bis(2-Chloroethoxy)met...	10.559	93	32461	5.012	ng	#	88
29) 2,4-Dichlorophenol	10.788	162	20061	4.650	ng		92
30) 1,2,4-Trichlorobenzene	11.017	180	22625	4.901	ng		95
31) Naphthalene	11.223	128	81188	5.031	ng		98
33) 4-Chloroaniline	11.334	127	34332	4.905	ng	#	91
34) Hexachlorobutadiene	11.452	225	15717	4.896	ng		91
35) Caprolactam	12.098	113	7552	4.761	ng	#	73
36) 4-Chloro-3-methylphenol	12.398	107	24837	4.484	ng		95
37) 2-Methylnaphthalene	12.803	142	54199	4.778	ng		97
38) 1-Methylnaphthalene	13.015	142	53368	4.951	ng		89
40) 1,2,4,5-Tetrachloroben...	13.144	216	29041	4.798	ng		98
41) Hexachlorocyclopentadiene	13.097	237	11273	3.964	ng		88
43) 2,4,6-Trichlorophenol	13.379	196	17113	4.382	ng		94
44) 2,4,5-Trichlorophenol	13.444	196	20220	4.375	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.790	154	75754	4.995	ng		95
47) 2-Chloronaphthalene	13.843	162	57040	5.005	ng		97
48) 2-Nitroaniline	14.049	65	10754	6.530	ng		91
49) Acenaphthylene	14.683	152	93706	4.932	ng		98
50) Dimethylphthalate	14.396	163	74607	4.869	ng		98
51) 2,6-Dinitrotoluene	14.531	165	7630	6.242	ng		96
52) Acenaphthene	15.012	154	57307	5.029	ng		93
53) 3-Nitroaniline	14.866	138	9323	5.492	ng	#	86
55) Dibenzofuran	15.347	168	93378	5.050	ng		99
57) 2,4-Dinitrotoluene	15.306	165	9218	6.258	ng	#	99
58) Fluorene	15.994	166	75906	5.072	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.553	232	15883	4.098	ng		93
60) Diethylphthalate	15.735	149	81324	5.053	ng		98
61) 4-Chlorophenyl-phenyle...	15.976	204	37976	5.069	ng		92
62) 4-Nitroaniline	16.023	138	10517	5.151	ng	#	83
63) Azobenzene	16.270	77	84620	5.140	ng		95
66) n-Nitrosodiphenylamine	16.193	169	69002	4.804	ng		99
67) 4-Bromophenyl-phenylether	16.875	248	24728	4.813	ng		91
68) Hexachlorobenzene	16.963	284	27729	4.908	ng		98
69) Atrazine	17.128	200	23937	4.808	ng		88
71) Phenanthrene	17.739	178	123906	4.998	ng		97
72) Anthracene	17.833	178	126622	4.999	ng		98
73) Carbazole	18.109	167	107704	4.882	ng		98
74) Di-n-butylphthalate	18.620	149	133406	4.845	ng		99
75) Fluoranthene	19.730	202	145387	5.119	ng		97
77) Benzidine	19.924	184	43592	3.912	ng		97
78) Pyrene	20.095	202	151402	4.886	ng		97
80) Butylbenzylphthalate	20.964	149	50362	4.234	ng		96
81) Benzo(a)anthracene	21.998	228	148431	4.844	ng		99
82) 3,3'-Dichlorobenzidine	21.910	252	46300	4.427	ng	#	94
83) Chrysene	22.069	228	147693	4.951	ng		98
84) Bis(2-ethylhexyl)phtha...	21.852	149	75390	4.290	ng	#	98
85) Di-n-octyl phthalate	23.185	149	121874	4.159	ng		97
87) Indeno(1,2,3-cd)pyrene	29.683	276	157533m	4.724	ng		
88) Benzo(b)fluoranthene	24.419	252	126159	4.655	ng		94
89) Benzo(k)fluoranthene	24.501	252	139822m	4.911	ng		
90) Benzo(a)pyrene	25.406	252	127173	4.756	ng		99
91) Dibenzo(a,h)anthracene	29.772	278	131771	4.696	ng		95
92) Benzo(g,h,i)perylene	31.005	276	130170	4.757	ng		93

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

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