Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082724\
Data File : BG062582.D
Acq On : 27 Aug 2024 17:09
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Aug 28 00:50:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:44:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.936	152	55064	20.000	ng		0.00
21) Naphthalene-d8	10.727	136	246427	20.000	ng	#	0.00
39) Acenaphthene-d10	14.557	164	188595	20.000	ng		0.00
64) Phenanthrene-d10	17.301	188	480114	20.000	ng		0.00
76) Chrysene-d12	21.549	240	464719	20.000	ng		0.00
86) Perylene-d12	24.628	264	524292	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.515	112	138247	45.039	ng		0.00
7) Phenol-d6	7.101	99	186355	42.624	ng		0.00
23) Nitrobenzene-d5	9.087	82	146830	39.544	ng		0.00
42) 2,4,6-Tribromophenol	16.044	330	85011	40.806	ng		0.00
45) 2-Fluorobiphenyl	13.177	172	479760	41.829	ng		0.00
79) Terphenyl-d14	19.916	244	1000430	45.009	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	30676	20.980	ng		94
3) Pyridine	3.829	79	87982	22.153	ng		97
4) n-Nitrosodimethylamine	3.741	42	46138	21.768	ng	#	90
6) Aniline	7.260	93	88265	21.389	ng		98
8) 2-Chlorophenol	7.501	128	68567	20.734	ng		95
9) Benzaldehyde	7.072	77	62159	22.520	ng		97
10) Phenol	7.125	94	95091	20.956	ng		97
11) bis(2-Chloroethyl)ether	7.354	93	77550	21.018	ng		98
12) 1,3-Dichlorobenzene	7.824	146	81459	21.036	ng		98
13) 1,4-Dichlorobenzene	7.971	146	82611	20.937	ng		97
14) 1,2-Dichlorobenzene	8.288	146	79145	20.499	ng		97
15) Benzyl Alcohol	8.165	79	62706	20.601	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.459	45	145757m	20.798	ng		
17) 2-Methylphenol	8.376	107	62797	20.719	ng		98
18) Hexachloroethane	9.011	117	27155	20.627	ng		90
19) n-Nitroso-di-n-propyla...	8.735	70	62538	21.359	ng		100
20) 3+4-Methylphenols	8.700	107	86878	20.962	ng		95
22) Acetophenone	8.746	105	128580	20.909	ng	#	98
24) Nitrobenzene	9.128	77	79876	19.865	ng		98
25) Isophorone	9.651	82	181984	20.205	ng		98
26) 2-Nitrophenol	9.839	139	24066	19.344	ng		99
27) 2,4-Dimethylphenol	9.898	122	47710	20.269	ng		99
28) bis(2-Chloroethoxy)met...	10.133	93	108295	20.743	ng		98
29) 2,4-Dichlorophenol	10.374	162	70812	20.320	ng		93
30) 1,2,4-Trichlorobenzene	10.586	180	86617	20.347	ng		95
31) Naphthalene	10.774	128	254775	20.713	ng		99
32) Benzoic acid	9.998	122	37026m	19.082	ng		
33) 4-Chloroaniline	10.879	127	96939	21.695	ng		97
34) Hexachlorobutadiene	11.061	225	57545	20.720	ng		96
35) Caprolactam	11.637	113	19951m	21.236	ng		
36) 4-Chloro-3-methylphenol	12.002	107	81730	21.645	ng		97
37) 2-Methylnaphthalene	12.383	142	181483	21.898	ng		96
38) 1-Methylnaphthalene	12.601	142	179732	21.674	ng		99
40) 1,2,4,5-Tetrachloroben...	12.748	216	107629	20.037	ng		99
41) Hexachlorocyclopentadiene	12.730	237	25051	18.549	ng		91
43) 2,4,6-Trichlorophenol	12.989	196	61985	20.162	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.059	196	72156	19.915	ng	93
46) 1,1'-Biphenyl	13.388	154	256974	20.365	ng	98
47) 2-Chloronaphthalene	13.429	162	202607	20.117	ng	99
48) 2-Nitroaniline	13.629	65	34389	18.512	ng	95
49) Acenaphthylene	14.275	152	319623	20.817	ng	99
50) Dimethylphthalate	14.011	163	256413	20.923	ng	100
51) 2,6-Dinitrotoluene	14.123	165	39852	19.251	ng	95
52) Acenaphthene	14.616	154	196793	20.775	ng	96
53) 3-Nitroaniline	14.452	138	39814	19.567	ng	98
54) 2,4-Dinitrophenol	14.657	184	19572	17.552	ng	97
55) Dibenzofuran	14.951	168	338911	20.866	ng	98
56) 4-Nitrophenol	14.763	139	35852	18.648	ng	94
57) 2,4-Dinitrotoluene	14.910	165	54451	19.446	ng	99
58) Fluorene	15.603	166	273684	21.458	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.180	232	68482	20.763	ng	98
60) Diethylphthalate	15.374	149	241966	20.603	ng	98
61) 4-Chlorophenyl-phenyle...	15.597	204	141747	20.912	ng	97
62) 4-Nitroaniline	15.615	138	45910	20.332	ng	90
63) Azobenzene	15.891	77	279515	20.945	ng	97
65) 4,6-Dinitro-2-methylph...	15.674	198	28767	17.711	ng	94
66) n-Nitrosodiphenylamine	15.809	169	235866	20.226	ng	96
67) 4-Bromophenyl-phenylether	16.490	248	92520	20.020	ng	98
68) Hexachlorobenzene	16.608	284	104512	19.571	ng	98
69) Atrazine	16.755	200	71727	22.612	ng	100
70) Pentachlorophenol	16.949	266	62911	19.657	ng	95
71) Phenanthrene	17.342	178	480050	20.763	ng	100
72) Anthracene	17.430	178	466349	20.615	ng	99
73) Carbazole	17.701	167	436475	20.797	ng	98
74) Di-n-butylphthalate	18.265	149	354192	19.290	ng	98
75) Fluoranthene	19.352	202	609087	21.043	ng	99
77) Benzidine	19.534	184	103887	17.067	ng	98
78) Pyrene	19.716	202	640443	21.676	ng	99
80) Butylbenzylphthalate	20.609	149	102409	18.741	ng	98
81) Benzo(a)anthracene	21.526	228	618809	20.908	ng	98
82) 3,3'-Dichlorobenzidine	21.449	252	153431	19.598	ng	99
83) Chrysene	21.590	228	600386	20.731	ng	99
84) Bis(2-ethylhexyl)phtha...	21.449	149	180511	19.301	ng	99
85) Di-n-octyl phthalate	22.613	149	321447	18.203	ng	98
87) Indeno(1,2,3-cd)pyrene	28.100	276	660702	19.984	ng	98
88) Benzo(b)fluoranthene	23.653	252	608688	20.728	ng	99
89) Benzo(k)fluoranthene	23.717	252	594315	20.398	ng	98
90) Benzo(a)pyrene	24.481	252	524719	20.325	ng	100
91) Dibenzo(a,h)anthracene	28.165	278	546139	19.988	ng	99
92) Benzo(g,h,i)perylene	29.187	276	555091	19.984	ng	98

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

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