Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
Data File : BG060972.D
Acq On : 20 Apr 2024 17:38
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 22 04:11:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:10:09 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.943	152	17984	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	67921	20.000	ng		0.00
39) Acenaphthene-d10	14.571	164	66502	20.000	ng		0.00
64) Phenanthrene-d10	17.320	188	180056	20.000	ng		0.00
76) Chrysene-d12	21.574	240	186736	20.000	ng		0.00
86) Perylene-d12	24.700	264	215817	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	8822	9.923	ng		0.00
7) Phenol-d6	7.103	99	13461	10.204	ng		0.00
23) Nitrobenzene-d5	9.095	82	14759	9.763	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	14248	9.757	ng		0.00
45) 2-Fluorobiphenyl	13.190	172	46378	9.652	ng		0.00
79) Terphenyl-d14	19.935	244	121635	10.111	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.454	88	1580	5.135	ng		95
3) Pyridine	3.842	79	4766	5.011	ng	#	79
4) n-Nitrosodimethylamine	3.754	42	4261	4.981	ng	#	90
6) Aniline	7.262	93	7838	4.944	ng		92
8) 2-Chlorophenol	7.508	128	5618	5.071	ng		93
9) Benzaldehyde	7.079	77	3709	5.466	ng	#	84
10) Phenol	7.132	94	6404	4.886	ng		94
11) bis(2-Chloroethyl)ether	7.361	93	5013	5.346	ng		94
12) 1,3-Dichlorobenzene	7.831	146	6429	5.233	ng		100
13) 1,4-Dichlorobenzene	7.972	146	6523	5.155	ng		96
14) 1,2-Dichlorobenzene	8.290	146	6174	4.992	ng		96
15) Benzyl Alcohol	8.178	79	6135	4.926	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.466	45	10553	5.169	ng		95
17) 2-Methylphenol	8.378	107	4915	4.644	ng	#	88
18) Hexachloroethane	9.024	117	2358	5.171	ng	#	79
19) n-Nitroso-di-n-propyla...	8.742	70	4855	4.938	ng	#	97
20) 3+4-Methylphenols	8.701	107	7541	5.095	ng		87
22) Acetophenone	8.754	105	9863	5.200	ng		98
24) Nitrobenzene	9.130	77	7327	5.044	ng	#	92
25) Isophorone	9.653	82	12537	4.955	ng		98
26) 2-Nitrophenol	9.847	139	3117	4.566	ng	#	85
27) 2,4-Dimethylphenol	9.911	122	5460	4.989	ng	#	78
28) bis(2-Chloroethoxy)met...	10.141	93	6554	4.925	ng	#	91
29) 2,4-Dichlorophenol	10.387	162	6112	4.839	ng		93
30) 1,2,4-Trichlorobenzene	10.599	180	7169	5.145	ng		88
31) Naphthalene	10.787	128	19575	5.264	ng	#	95
32) Benzoic acid	9.976	122	3459m	4.151	ng		
33) 4-Chloroaniline	10.887	127	8439	4.996	ng		96
34) Hexachlorobutadiene	11.075	225	6300	5.141	ng		93
35) Caprolactam	11.621	113	1884	4.683	ng		94
36) 4-Chloro-3-methylphenol	12.015	107	7632	5.181	ng		99
37) 2-Methylnaphthalene	12.397	142	14582	4.988	ng		93
38) 1-Methylnaphthalene	12.608	142	13753	5.041	ng		97
40) 1,2,4,5-Tetrachloroben...	12.761	216	11266	4.767	ng		98
43) 2,4,6-Trichlorophenol	13.002	196	7411	4.770	ng		97
44) 2,4,5-Trichlorophenol	13.072	196	9215	5.015	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.401	154	20875	4.660	ng		98
47) 2-Chloronaphthalene	13.443	162	16684	4.858	ng		96
48) 2-Nitroaniline	13.636	65	6967	5.026	ng		90
49) Acenaphthylene	14.294	152	27786	4.804	ng		97
50) Dimethylphthalate	14.024	163	27433	5.003	ng		97
51) 2,6-Dinitrotoluene	14.136	165	5746	5.022	ng		94
52) Acenaphthene	14.635	154	16636	4.733	ng		88
53) 3-Nitroaniline	14.459	138	5649	5.007	ng	#	93
55) Dibenzofuran	14.970	168	30961	5.101	ng		93
56) 4-Nitrophenol	14.782	139	3217	3.980	ng		89
57) 2,4-Dinitrotoluene	14.923	165	8441	5.122	ng	#	94
58) Fluorene	15.616	166	25539	4.985	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.193	232	8890	4.784	ng	#	97
60) Diethylphthalate	15.387	149	26650	4.935	ng		96
61) 4-Chlorophenyl-phenyle...	15.611	204	16272	5.150	ng		95
62) 4-Nitroaniline	15.622	138	6205	5.100	ng	#	79
63) Azobenzene	15.904	77	21710	4.942	ng		95
66) n-Nitrosodiphenylamine	15.828	169	24028	4.844	ng		98
67) 4-Bromophenyl-phenylether	16.510	248	11495	4.837	ng		92
68) Hexachlorobenzene	16.627	284	12340	4.701	ng	#	85
69) Atrazine	16.774	200	10420	5.612	ng		87
71) Phenanthrene	17.356	178	45779	4.981	ng		97
72) Anthracene	17.450	178	46449	4.907	ng		96
73) Carbazole	17.720	167	40214	5.116	ng		98
74) Di-n-butylphthalate	18.290	149	47094	4.934	ng		99
75) Fluoranthene	19.371	202	61212	5.019	ng		93
78) Pyrene	19.729	202	63640	5.005	ng		96
80) Butylbenzylphthalate	20.634	149	21120	4.984	ng		99
81) Benzo(a)anthracene	21.557	228	65936	5.022	ng		99
82) 3,3'-Dichlorobenzidine	21.474	252	23331	4.917	ng	#	89
83) Chrysene	21.621	228	62963	5.037	ng		96
84) Bis(2-ethylhexyl)phtha...	21.486	149	30379	4.931	ng	#	97
85) Di-n-octyl phthalate	22.673	149	49713	4.860	ng	#	97
87) Indeno(1,2,3-cd)pyrene	28.237	276	70579m	4.726	ng		
88) Benzo(b)fluoranthene	23.713	252	60066	4.911	ng		99
89) Benzo(k)fluoranthene	23.772	252	61607m	4.985	ng		
90) Benzo(a)pyrene	24.553	252	57897	4.891	ng		95
91) Dibenzo(a,h)anthracene	28.302	278	55527	4.540	ng	#	98
92) Benzo(g,h,i)perylene	29.336	276	56803	4.684	ng		97

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

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