Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
Data File : BG060923.D
Acq On : 17 Apr 2024 16:35
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 18 01:59:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 01:47:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	48343	20.000	ng		0.00
21) Naphthalene-d8	10.738	136	203319	20.000	ng		0.00
39) Acenaphthene-d10	14.575	164	165551	20.000	ng		0.00
64) Phenanthrene-d10	17.319	188	408659	20.000	ng		0.00
76) Chrysene-d12	21.578	240	381704	20.000	ng	#	0.00
86) Perylene-d12	24.704	264	455462	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	422487	151.801	ng		0.00
7) Phenol-d6	7.113	99	637708	159.054	ng		0.00
23) Nitrobenzene-d5	9.105	82	711179	158.794	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	409709	149.804	ng		0.00
45) 2-Fluorobiphenyl	13.200	172	1704711	151.107	ng		0.00
79) Terphenyl-d14	19.945	244	3002444	137.278	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.453	88	82840	73.630	ng		97
3) Pyridine	3.840	79	280282	78.399	ng		98
4) n-Nitrosodimethylamine	3.752	42	177878	77.872	ng		99
6) Aniline	7.272	93	392045	80.255	ng		96
8) 2-Chlorophenol	7.513	128	249996	78.956	ng		95
9) Benzaldehyde	7.084	77	144525	67.196	ng		98
10) Phenol	7.142	94	320181	79.682	ng		98
11) bis(2-Chloroethyl)ether	7.372	93	243433	78.104	ng		99
12) 1,3-Dichlorobenzene	7.836	146	259487	77.133	ng		98
13) 1,4-Dichlorobenzene	7.977	146	268035	77.826	ng		98
14) 1,2-Dichlorobenzene	8.294	146	264780	79.062	ng		98
15) Benzyl Alcohol	8.182	79	283368	82.160	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.470	45	608000m	80.715	ng		
17) 2-Methylphenol	8.382	107	260696	82.111	ng		99
18) Hexachloroethane	9.028	117	95180	77.828	ng		97
19) n-Nitroso-di-n-propyla...	8.752	70	245483	80.382	ng		99
20) 3+4-Methylphenols	8.717	107	358230	81.330	ng		98
22) Acetophenone	8.764	105	450518	77.809	ng	#	98
24) Nitrobenzene	9.146	77	349699	79.560	ng		100
25) Isophorone	9.669	82	634057	76.717	ng		99
26) 2-Nitrophenol	9.851	139	151264	81.918	ng		97
27) 2,4-Dimethylphenol	9.916	122	255119	78.416	ng		99
28) bis(2-Chloroethoxy)met...	10.151	93	358156	77.068	ng		100
29) 2,4-Dichlorophenol	10.386	162	274486	77.762	ng		98
30) 1,2,4-Trichlorobenzene	10.603	180	292823	77.390	ng		97
31) Naphthalene	10.791	128	852382	77.518	ng		99
32) Benzoic acid	10.092	122	225070	85.348	ng		95
33) 4-Chloroaniline	10.891	127	405479	78.682	ng		98
34) Hexachlorobutadiene	11.079	225	205721	76.481	ng		96
35) Caprolactam	11.690	113	98654m	75.749	ng		
36) 4-Chloro-3-methylphenol	12.025	107	326679	76.572	ng		99
37) 2-Methylnaphthalene	12.395	142	645444	77.591	ng		97
38) 1-Methylnaphthalene	12.618	142	603640	76.866	ng		100
40) 1,2,4,5-Tetrachloroben...	12.765	216	403486	78.982	ng		100
41) Hexachlorocyclopentadiene	12.748	237	227012	86.905	ng		97
43) 2,4,6-Trichlorophenol	13.006	196	278832	78.490	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.077	196	334346	78.043	ng		97
46) 1,1'-Biphenyl	13.412	154	878767	78.067	ng		98
47) 2-Chloronaphthalene	13.447	162	682556	79.225	ng		99
48) 2-Nitroaniline	13.647	65	288302	81.548	ng		97
49) Acenaphthylene	14.299	152	1143016	78.459	ng		100
50) Dimethylphthalate	14.040	163	996899	75.884	ng		99
51) 2,6-Dinitrotoluene	14.146	165	215208	80.375	ng		98
52) Acenaphthene	14.639	154	687122	77.771	ng		98
53) 3-Nitroaniline	14.475	138	225672	76.779	ng	#	95
54) 2,4-Dinitrophenol	14.681	184	136101	79.595	ng		93
55) Dibenzofuran	14.974	168	1130954	75.775	ng		98
56) 4-Nitrophenol	14.786	139	182537	81.114	ng		99
57) 2,4-Dinitrotoluene	14.939	165	309498	80.890	ng	#	98
58) Fluorene	15.621	166	929024	75.041	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	303730	77.174	ng		99
60) Diethylphthalate	15.403	149	1000407	76.028	ng		100
61) 4-Chlorophenyl-phenyle...	15.621	204	510399	74.374	ng		98
62) 4-Nitroaniline	15.644	138	242404	76.702	ng		100
63) Azobenzene	15.914	77	950983	76.682	ng		98
65) 4,6-Dinitro-2-methylph...	15.703	198	200348	87.875	ng		98
66) n-Nitrosodiphenylamine	15.832	169	877894	78.256	ng		98
67) 4-Bromophenyl-phenylether	16.514	248	359910	78.618	ng		98
68) Hexachlorobenzene	16.625	284	392160	78.725	ng		98
69) Atrazine	16.784	200	280595	69.596	ng		97
70) Pentachlorophenol	16.966	266	288449	85.503	ng		99
71) Phenanthrene	17.366	178	1573824	76.085	ng		99
72) Anthracene	17.454	178	1609657	75.757	ng		98
73) Carbazole	17.724	167	1388719	75.017	ng		98
74) Di-n-butylphthalate	18.294	149	1658599	74.420	ng		98
75) Fluoranthene	19.375	202	1911518	72.602	ng		97
77) Benzidine	19.551	184	639465	75.952	ng		98
78) Pyrene	19.733	202	1968301	75.171	ng		99
80) Butylbenzylphthalate	20.638	149	760490	79.074	ng		97
81) Benzo(a)anthracene	21.561	228	2089275	77.513	ng		99
82) 3,3'-Dichlorobenzidine	21.479	252	729464	75.997	ng		100
83) Chrysene	21.625	228	1976381	76.796	ng		98
84) Bis(2-ethylhexyl)phtha...	21.496	149	1105462	77.733	ng		98
85) Di-n-octyl phthalate	22.683	149	1914330	78.014	ng		98
87) Indeno(1,2,3-cd)pyrene	28.265	276	2542525	80.726	ng		98
88) Benzo(b)fluoranthene	23.723	252	1993725	77.367	ng		98
89) Benzo(k)fluoranthene	23.793	252	2056644	78.013	ng		100
90) Benzo(a)pyrene	24.569	252	1991848	78.398	ng		99
91) Dibenzo(a,h)anthracene	28.329	278	2114883	81.575	ng		99
92) Benzo(g,h,i)perylene	29.375	276	2040993	80.525	ng		98

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

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