Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
Data File : BG060227.D
Acq On : 3 Jan 2024 14:53
Operator : MA/JU
Sample : PB157131BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 03 15:51:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB157131BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.933	152	194308	20.000	ng		0.00
21) Naphthalene-d8	10.741	136	862623	20.000	ng		0.00
39) Acenaphthene-d10	14.572	164	677619	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	1639545	20.000	ng		0.00
76) Chrysene-d12	21.593	240	1449433	20.000	ng		0.00
86) Perylene-d12	24.766	264	1564860	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.506	112	1513222	117.544	ng		0.00
7) Phenol-d6	7.104	99	2585964	135.288	ng		0.00
23) Nitrobenzene-d5	9.102	82	1501404	80.394	ng		0.00
42) 2,4,6-Tribromophenol	16.064	330	1196998	131.964	ng		0.00
45) 2-Fluorobiphenyl	13.197	172	3658709	77.601	ng		0.00
79) Terphenyl-d14	19.942	244	5150768	68.319	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.409	88	165212	28.845	ng		99
3) Pyridine	3.802	79	427736	26.332	ng		94
4) n-Nitrosodimethylamine	3.720	42	215757	35.605	ng		91
6) Aniline	7.263	93	584082	30.499	ng		97
8) 2-Chlorophenol	7.504	128	583369	47.150	ng		98
9) Benzaldehyde	7.075	77	467248	40.658	ng		97
10) Phenol	7.128	94	923986	47.936	ng		95
11) bis(2-Chloroethyl)ether	7.357	93	639444	40.996	ng		95
12) 1,3-Dichlorobenzene	7.827	146	574158	37.593	ng		99
13) 1,4-Dichlorobenzene	7.974	146	607480	39.343	ng		98
14) 1,2-Dichlorobenzene	8.291	146	593419	39.312	ng		98
15) Benzyl Alcohol	8.174	79	592005	49.898	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.462	45	833791	41.652	ng		98
17) 2-Methylphenol	8.379	107	592532	49.093	ng		99
18) Hexachloroethane	9.020	117	199989	41.125	ng		97
19) n-Nitroso-di-n-propyla...	8.738	70	555911	42.572	ng		97
20) 3+4-Methylphenols	8.708	107	820593	47.971	ng		98
22) Acetophenone	8.755	105	1010746	39.547	ng	#	98
24) Nitrobenzene	9.143	77	767968	40.191	ng		97
25) Isophorone	9.660	82	1548373	39.627	ng		100
26) 2-Nitrophenol	9.854	139	318693	47.797	ng		99
27) 2,4-Dimethylphenol	9.907	122	524091	55.490	ng		99
28) bis(2-Chloroethoxy)met...	10.142	93	958049	41.864	ng		98
29) 2,4-Dichlorophenol	10.389	162	707898	47.425	ng		92
30) 1,2,4-Trichlorobenzene	10.600	180	705994	38.859	ng		96
31) Naphthalene	10.788	128	1796132	39.440	ng		99
32) Benzoic acid	10.048	122	405554	48.038	ng	#	86
33) 4-Chloroaniline	10.900	127	400310	22.508	ng		99
34) Hexachlorobutadiene	11.076	225	407350	37.699	ng		95
35) Caprolactam	11.664	113	238164m	47.965	ng		
36) 4-Chloro-3-methylphenol	12.022	107	719648	46.846	ng		98
37) 2-Methylnaphthalene	12.398	142	1366144	41.531	ng		100
38) 1-Methylnaphthalene	12.615	142	1335830	40.166	ng		98
40) 1,2,4,5-Tetrachloroben...	12.768	216	883565	40.707	ng		99
41) Hexachlorocyclopentadiene	12.745	237	851806	121.413	ng		99
43) 2,4,6-Trichlorophenol	13.003	196	643268	45.099	ng		93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	718404	45.023	ng	99
46) 1,1'-Biphenyl	13.409	154	2065205	41.424	ng	98
47) 2-Chloronaphthalene	13.450	162	1712448	40.316	ng	98
48) 2-Nitroaniline	13.655	65	540678	48.708	ng	97
49) Acenaphthylene	14.296	152	2768180	45.232	ng	98
50) Dimethylphthalate	14.031	163	2217894	42.393	ng	100
51) 2,6-Dinitrotoluene	14.149	165	495999	45.580	ng	99
52) Acenaphthene	14.643	154	1535208	40.199	ng	99
53) 3-Nitroaniline	14.478	138	322335	31.436	ng	96
54) 2,4-Dinitrophenol	14.684	184	581524	90.556	ng	98
55) Dibenzofuran	14.977	168	2717487	42.480	ng	100
56) 4-Nitrophenol	14.789	139	788031	101.674	ng	99
57) 2,4-Dinitrotoluene	14.936	165	695789	47.023	ng	99
58) Fluorene	15.624	166	2193625	41.810	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.201	232	644855	46.367	ng	98
60) Diethylphthalate	15.395	149	2159508	43.284	ng	98
61) 4-Chlorophenyl-phenyle...	15.618	204	1115976	40.849	ng	98
62) 4-Nitroaniline	15.647	138	474133	43.873	ng	98
63) Azobenzene	15.912	77	2210542	42.736	ng	99
65) 4,6-Dinitro-2-methylph...	15.700	198	398818	48.614	ng	98
66) n-Nitrosodiphenylamine	15.829	169	1962923	44.429	ng	98
67) 4-Bromophenyl-phenylether	16.511	248	723717	41.634	ng	97
68) Hexachlorobenzene	16.628	284	836237	41.031	ng	99
69) Atrazine	16.775	200	581213	35.794	ng	99
70) Pentachlorophenol	16.975	266	1045739	93.402	ng	99
71) Phenanthrene	17.369	178	3497155	43.153	ng	99
72) Anthracene	17.457	178	3513222	43.643	ng	97
73) Carbazole	17.727	167	3245197	42.504	ng	99
74) Di-n-butylphthalate	18.285	149	3404326	46.011	ng	98
75) Fluoranthene	19.378	202	3888677	40.908	ng	98
77) Benzidine	19.566	184	1047870	26.121	ng	97
78) Pyrene	19.742	202	4035189	41.415	ng	97
80) Butylbenzylphthalate	20.630	149	1552832	54.051	ng	96
81) Benzo(a)anthracene	21.570	228	3975844	43.143	ng	97
82) 3,3'-Dichlorobenzidine	21.487	252	1294238	38.620	ng	98
83) Chrysene	21.634	228	3754565	41.936	ng	97
84) Bis(2-ethylhexyl)phtha...	21.482	149	2311227	53.049	ng	99
85) Di-n-octyl phthalate	22.674	149	3911741	54.851	ng	100
87) Indeno(1,2,3-cd)pyrene	28.391	276	4979295	45.132	ng	99
88) Benzo(b)fluoranthene	23.755	252	4201678	44.680	ng	99
89) Benzo(k)fluoranthene	23.826	252	4100490	43.323	ng	99
90) Benzo(a)pyrene	24.619	252	3764366	44.246	ng	98
91) Dibenzo(a,h)anthracene	28.450	278	4167198	45.970	ng	99
92) Benzo(g,h,i)perylene	29.525	276	3970939	43.247	ng	99

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

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