Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060692.D
Acq On : 20 Mar 2024 15:16
Operator : MA/JU
Sample : P1803-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 21 01:29:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 18 14:26:31 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.291	152	84457	20.000	ng		0.00
21) Naphthalene-d8	11.135	136	381111	20.000	ng		0.00
39) Acenaphthene-d10	14.925	164	271437	20.000	ng		0.00
64) Phenanthrene-d10	17.675	188	628549	20.000	ng		0.00
76) Chrysene-d12	21.993	240	587149	20.000	ng		0.00
86) Perylene-d12	25.536	264	708505	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.783	112	526328	97.965	ng		0.00
7) Phenol-d6	7.416	99	888395	113.991	ng		0.00
23) Nitrobenzene-d5	9.490	82	584718	79.848	ng		0.00
42) 2,4,6-Tribromophenol	16.411	330	418261	132.976	ng		0.00
45) 2-Fluorobiphenyl	13.550	172	1143130	56.940	ng		0.00
79) Terphenyl-d14	20.254	244	1833048	56.430	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.621	88	96203	42.778	ng		99
3) Pyridine	4.038	79	229308	34.501	ng		93
4) n-Nitrosodimethylamine	3.961	42	145675	44.680	ng		96
6) Aniline	7.616	93	224716	23.596	ng		98
8) 2-Chlorophenol	7.845	128	281192	47.879	ng		96
9) Benzaldehyde	7.434	77	62394	14.302	ng		97
10) Phenol	7.440	94	383035	48.982	ng		99
11) bis(2-Chloroethyl)ether	7.704	93	248374	39.843	ng		97
12) 1,3-Dichlorobenzene	8.174	146	282927	44.672	ng		97
13) 1,4-Dichlorobenzene	8.327	146	287326	44.755	ng		97
14) 1,2-Dichlorobenzene	8.650	146	280355	43.969	ng		97
15) Benzyl Alcohol	8.532	79	280336	45.498	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.797	45	497953	41.146	ng		99
17) 2-Methylphenol	8.715	107	259054	43.142	ng		99
18) Hexachloroethane	9.378	117	109390	49.879	ng		94
19) n-Nitroso-di-n-propyla...	9.096	70	235416	43.578	ng		99
20) 3+4-Methylphenols	9.049	107	383289	47.328	ng		96
22) Acetophenone	9.138	105	468729	45.874	ng	#	97
24) Nitrobenzene	9.537	77	346718	47.359	ng		97
25) Isophorone	10.042	82	681354	46.488	ng		98
26) 2-Nitrophenol	10.242	139	150652	50.669	ng		93
27) 2,4-Dimethylphenol	10.266	122	251272	38.734	ng		96
28) bis(2-Chloroethoxy)met...	10.524	93	358410	40.791	ng		98
29) 2,4-Dichlorophenol	10.765	162	280941	48.254	ng		94
30) 1,2,4-Trichlorobenzene	10.982	180	276340	44.702	ng		95
31) Naphthalene	11.194	128	923128	43.366	ng		99
32) Benzoic acid	10.389	122	216126	50.360	ng		93
33) 4-Chloroaniline	11.306	127	138579	15.438	ng		99
34) Hexachlorobutadiene	11.417	225	176641	41.893	ng		96
35) Caprolactam	12.099	113	106994m	54.592	ng		
36) 4-Chloro-3-methylphenol	12.381	107	353372	49.527	ng		94
37) 2-Methylnaphthalene	12.769	142	631789	42.971	ng		100
38) 1-Methylnaphthalene	12.986	142	588244	42.627	ng		99
40) 1,2,4,5-Tetrachloroben...	13.115	216	345031	41.391	ng		99
41) Hexachlorocyclopentadiene	13.068	237	319783	78.011	ng		98
43) 2,4,6-Trichlorophenol	13.356	196	255025	47.646	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.427	196	276453	43.661	ng	#	95
46) 1,1'-Biphenyl	13.762	154	865893	41.968	ng		100
47) 2-Chloronaphthalene	13.814	162	677831	43.531	ng		98
48) 2-Nitroaniline	14.032	65	245366	47.744	ng		92
49) Acenaphthylene	14.661	152	1183886	46.671	ng		99
50) Dimethylphthalate	14.373	163	907575	44.582	ng		99
51) 2,6-Dinitrotoluene	14.514	165	186892	49.824	ng		93
52) Acenaphthene	14.990	154	665775	43.922	ng		99
53) 3-Nitroaniline	14.849	138	118204	27.368	ng		99
54) 2,4-Dinitrophenol	15.048	184	214598	109.034	ng		98
55) Dibenzofuran	15.324	168	1111553	45.290	ng		100
56) 4-Nitrophenol	15.125	139	362747	112.555	ng		96
57) 2,4-Dinitrotoluene	15.289	165	266673	56.513	ng		94
58) Fluorene	15.971	166	909748	46.330	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.530	232	262672m	49.745	ng		
60) Diethylphthalate	15.712	149	969160	46.269	ng		99
61) 4-Chlorophenyl-phenyle...	15.953	204	433240	43.557	ng		99
62) 4-Nitroaniline	16.012	138	224390m	50.736	ng		
63) Azobenzene	16.247	77	974165	44.940	ng		97
65) 4,6-Dinitro-2-methylph...	16.041	198	147152	51.427	ng		96
66) n-Nitrosodiphenylamine	16.171	169	823790	41.878	ng		97
67) 4-Bromophenyl-phenylether	16.852	248	297724	43.925	ng		96
68) Hexachlorobenzene	16.940	284	349189	44.808	ng		98
69) Atrazine	17.105	200	304086	46.218	ng		98
70) Pentachlorophenol	17.299	266	477343	94.505	ng		98
71) Phenanthrene	17.722	178	1940822	57.322	ng		99
72) Anthracene	17.810	178	1596438	46.633	ng		99
73) Carbazole	18.086	167	1428757	47.998	ng		100
74) Di-n-butylphthalate	18.591	149	1697568	46.797	ng		99
75) Fluoranthene	19.713	202	2382714	63.620	ng		98
77) Benzidine	19.901	184	819525	57.064	ng		99
78) Pyrene	20.078	202	2345888	57.252	ng		97
80) Butylbenzylphthalate	20.936	149	768731	49.626	ng		98
81) Benzo(a)anthracene	21.970	228	2121354	52.473	ng		99
82) 3,3'-Dichlorobenzidine	21.881	252	386242	28.346	ng		99
83) Chrysene	22.046	228	2051340	52.258	ng		98
84) Bis(2-ethylhexyl)phtha...	21.805	149	1178652	51.512	ng		99
85) Di-n-octyl phthalate	23.127	149	1993035	52.895	ng		98
87) Indeno(1,2,3-cd)pyrene	29.637	276	2549758	52.760	ng	#	88
88) Benzo(b)fluoranthene	24.390	252	2261038	58.009	ng		100
89) Benzo(k)fluoranthene	24.467	252	1997936	48.791	ng		98
90) Benzo(a)pyrene	25.366	252	2010132	52.603	ng		99
91) Dibenzo(a,h)anthracene	29.731	278	1942178	47.340	ng		97
92) Benzo(g,h,i)perylene	30.947	276	2027058	51.031	ng		99

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

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