Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
Data File : BG061013.D
Acq On : 23 Apr 2024 18:39
Operator : MA/JU
Sample : P2166-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 24 00:14:48 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 04:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

04/24/2024
Supervised By :mohammad ahmed

04/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	26377	20.000	ng		0.00
21) Naphthalene-d8	10.738	136	101770	20.000	ng		0.00
39) Acenaphthene-d10	14.575	164	80240	20.000	ng		0.00
64) Phenanthrene-d10	17.319	188	191664	20.000	ng		0.00
76) Chrysene-d12	21.584	240	194981	20.000	ng		0.00
86) Perylene-d12	24.710	264	232019	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.538	112	164095	125.838	ng		0.01
7) Phenol-d6	7.119	99	216124	111.703	ng		0.01
23) Nitrobenzene-d5	9.099	82	150718	66.538	ng		0.00
42) 2,4,6-Tribromophenol	16.067	330	192083	109.014	ng		0.00
45) 2-Fluorobiphenyl	13.194	172	411168	70.920	ng		0.00
79) Terphenyl-d14	19.939	244	789316	62.837	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.453	88	17034	37.744	ng		97
3) Pyridine	3.840	79	48051	34.445	ng		91
4) n-Nitrosodimethylamine	3.752	42	53292	42.475	ng		96
6) Aniline	7.272	93	32689	14.057	ng		96
8) 2-Chlorophenol	7.513	128	75598	46.528	ng		98
9) Benzaldehyde	7.084	77	3786	3.804	ng	#	82
10) Phenol	7.148	94	87919	45.737	ng		96
11) bis(2-Chloroethyl)ether	7.366	93	56510	41.089	ng		99
12) 1,3-Dichlorobenzene	7.836	146	86676	48.105	ng		99
13) 1,4-Dichlorobenzene	7.983	146	87720	47.264	ng		97
14) 1,2-Dichlorobenzene	8.294	146	86821	47.866	ng		94
15) Benzyl Alcohol	8.182	79	73932	40.471	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.464	45	125190	41.816	ng		98
17) 2-Methylphenol	8.388	107	63761	41.079	ng		93
18) Hexachloroethane	9.023	117	31623	47.286	ng		98
19) n-Nitroso-di-n-propyla...	8.746	70	54198	37.588	ng		95
20) 3+4-Methylphenols	8.717	107	84121	38.753	ng		100
22) Acetophenone	8.758	105	116730	41.077	ng	#	96
24) Nitrobenzene	9.140	77	89129	40.949	ng	#	98
25) Isophorone	9.663	82	148137	39.078	ng		99
26) 2-Nitrophenol	9.851	139	43734	42.752	ng		96
27) 2,4-Dimethylphenol	9.916	122	55940	34.117	ng		95
28) bis(2-Chloroethoxy)met...	10.145	93	80061	40.148	ng		93
29) 2,4-Dichlorophenol	10.392	162	84920	44.874	ng		99
30) 1,2,4-Trichlorobenzene	10.603	180	101642	48.680	ng		96
31) Naphthalene	10.791	128	245080	43.987	ng		100
32) Benzoic acid	10.074	122	57390m	45.937	ng		
33) 4-Chloroaniline	10.891	127	27715	10.950	ng		96
34) Hexachlorobutadiene	11.079	225	87422	47.609	ng		99
35) Caprolactam	11.678	113	24203m	40.153	ng		
36) 4-Chloro-3-methylphenol	12.031	107	89471	40.538	ng		96
37) 2-Methylnaphthalene	12.395	142	180662	41.240	ng		98
38) 1-Methylnaphthalene	12.618	142	168765	41.283	ng		97
40) 1,2,4,5-Tetrachloroben...	12.765	216	147716	51.803	ng		99
41) Hexachlorocyclopentadiene	12.748	237	116785	69.604	ng		97
43) 2,4,6-Trichlorophenol	13.006	196	89028	47.496	ng		99

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44) 2,4,5-Trichlorophenol	13.083	196	99207	44.743	ng	96
46) 1,1'-Biphenyl	13.406	154	256730	47.500	ng	97
47) 2-Chloronaphthalene	13.447	162	206319	49.786	ng	95
48) 2-Nitroaniline	13.647	65	70074	41.898	ng	97
49) Acenaphthylene	14.299	152	333234	47.746	ng	98
50) Dimethylphthalate	14.034	163	273482	41.332	ng	99
51) 2,6-Dinitrotoluene	14.146	165	58471	42.351	ng	97
52) Acenaphthene	14.640	154	186223	43.912	ng	96
53) 3-Nitroaniline	14.475	138	34391	25.262	ng	89
54) 2,4-Dinitrophenol	14.687	184	49488	56.758	ng	100
55) Dibenzofuran	14.974	168	323538	44.180	ng	99
56) 4-Nitrophenol	14.798	139	91008	93.313	ng	98
57) 2,4-Dinitrotoluene	14.939	165	84955	42.725	ng	94
58) Fluorene	15.621	166	265600	42.970	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.204	232	100733	45.013	ng	98
60) Diethylphthalate	15.397	149	268665	41.231	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	156904	41.159	ng	96
62) 4-Nitroaniline	15.638	138	50880	34.661	ng	88
63) Azobenzene	15.909	77	221763	41.842	ng	96
65) 4,6-Dinitro-2-methylph...	15.703	198	38537	32.563	ng	91
66) n-Nitrosodiphenylamine	15.832	169	240249	45.498	ng	97
67) 4-Bromophenyl-phenylether	16.514	248	114831	45.397	ng	94
68) Hexachlorobenzene	16.631	284	137175	49.096	ng	98
69) Atrazine	16.784	200	104722	52.989	ng	99
70) Pentachlorophenol	16.972	266	179540	97.997	ng	98
71) Phenanthrene	17.366	178	435058	44.470	ng	98
72) Anthracene	17.454	178	441218	43.790	ng	98
73) Carbazole	17.724	167	373037	44.579	ng	99
74) Di-n-butylphthalate	18.294	149	434390	42.757	ng	100
75) Fluoranthene	19.375	202	552478	42.552	ng	97
77) Benzidine	19.551	184	135276	37.444	ng	99
78) Pyrene	19.739	202	562050	42.335	ng	99
80) Butylbenzylphthalate	20.633	149	186516	42.150	ng	99
81) Benzo(a)anthracene	21.567	228	618554	45.122	ng	98
82) 3,3'-Dichlorobenzidine	21.479	252	144628	29.193	ng	99
83) Chrysene	21.631	228	581550	44.558	ng	99
84) Bis(2-ethylhexyl)phtha...	21.490	149	267804	41.627	ng	99
85) Di-n-octyl phthalate	22.677	149	462062	43.260	ng	99
87) Indeno(1,2,3-cd)pyrene	28.271	276	752544m	46.755	ng	
88) Benzo(b)fluoranthene	23.729	252	626471	47.646	ng	98
89) Benzo(k)fluoranthene	23.788	252	613565	46.226	ng	100
90) Benzo(a)pyrene	24.569	252	586776	46.106	ng	99
91) Dibenzo(a,h)anthracene	28.329	278	627773	47.739	ng	99
92) Benzo(g,h,i)perylene	29.375	276	528345m	40.522	ng	

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

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