Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
Data File : BG058871.D
Acq On : 28 Aug 2023 13:18
Operator : MA/JU
Sample : 04121-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDW-W-20230822MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 01:40:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 01:35:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	14850	20.000	ng		-0.02
21) Naphthalene-d8	10.606	136	58833	20.000	ng		#-0.02
39) Acenaphthene-d10	14.455	164	42999	20.000	ng		-0.02
64) Phenanthrene-d10	17.199	188	115700	20.000	ng		-0.02
76) Chrysene-d12	21.441	240	107039	20.000	ng		-0.02
86) Perylene-d12	24.502	264	117703	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.377	112	131018	141.981	ng		-0.02
7) Phenol-d6	6.975	99	166855	128.877	ng		-0.03
23) Nitrobenzene-d5	8.967	82	119491	97.647	ng		-0.03
42) 2,4,6-Tribromophenol	15.947	330	110921	164.518	ng		-0.02
45) 2-Fluorobiphenyl	13.068	172	279173	94.431	ng		-0.02
79) Terphenyl-d14	19.819	244	618613	103.773	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.256	88	19383	44.677	ng		96
3) Pyridine	3.656	79	41575	36.264	ng		95
4) n-Nitrosodimethylamine	3.573	42	33361	53.525	ng		94
6) Aniline	7.134	93	20190	12.757	ng		93
8) 2-Chlorophenol	7.369	128	51199	54.873	ng		99
9) Benzaldehyde	6.946	77	3603	4.961	ng	#	1
10) Phenol	7.005	94	64171	51.401	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	49651	50.969	ng		99
12) 1,3-Dichlorobenzene	7.692	146	57359	57.876	ng		99
13) 1,4-Dichlorobenzene	7.839	146	56991	56.866	ng		94
14) 1,2-Dichlorobenzene	8.156	146	54273	56.030	ng		98
15) Benzyl Alcohol	8.045	79	53799	58.119	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.327	45	109926	52.950	ng		99
17) 2-Methylphenol	8.250	107	45419	49.533	ng		99
18) Hexachloroethane	8.879	117	22930	62.797	ng		97
19) n-Nitroso-di-n-propyla...	8.609	70	40340	48.202	ng		93
20) 3+4-Methylphenols	8.579	107	62779	50.925	ng		97
22) Acetophenone	8.626	105	85317	53.571	ng		99
24) Nitrobenzene	9.008	77	63177	51.908	ng		95
25) Isophorone	9.531	82	122345	50.275	ng		99
26) 2-Nitrophenol	9.725	139	28126	55.255	ng		94
27) 2,4-Dimethylphenol	9.784	122	48147	55.811	ng		98
28) bis(2-Chloroethoxy)met...	10.013	93	65641	50.923	ng		98
29) 2,4-Dichlorophenol	10.260	162	52113	58.787	ng		98
30) 1,2,4-Trichlorobenzene	10.465	180	59861	55.920	ng		96
31) Naphthalene	10.659	128	577500	186.948	ng		100
32) Benzoic acid	9.948	122	30638	56.762	ng		98
33) 4-Chloroaniline	10.783	127	8629	6.623	ng		94
34) Hexachlorobutadiene	10.929	225	39848	55.154	ng		97
35) Caprolactam	11.634	113	16407m	51.650	ng		
36) 4-Chloro-3-methylphenol	11.905	107	63426	57.534	ng		97
37) 2-Methylnaphthalene	12.269	142	206096	92.891	ng		99
38) 1-Methylnaphthalene	12.492	142	175379	83.273	ng		99
40) 1,2,4,5-Tetrachloroben...	12.639	216	67395	50.841	ng		99
41) Hexachlorocyclopentadiene	12.616	237	62862	116.084	ng		98
43) 2,4,6-Trichlorophenol	12.886	196	49278	58.422	ng		97

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44) 2,4,5-Trichlorophenol	12.968	196	54652	54.107	ng		97
46) 1,1'-Biphenyl	13.285	154	162559	54.879	ng		98
47) 2-Chloronaphthalene	13.327	162	122789	53.193	ng		99
48) 2-Nitroaniline	13.538	65	46274	52.782	ng		95
49) Acenaphthylene	14.179	152	244885	63.971	ng		98
50) Dimethylphthalate	13.914	163	176340	52.966	ng		99
51) 2,6-Dinitrotoluene	14.038	165	39120	55.930	ng		98
52) Acenaphthene	14.513	154	134719	60.222	ng		95
53) 3-Nitroaniline	14.372	138	8351	12.379	ng	#	89
54) 2,4-Dinitrophenol	14.584	184	50877	125.829	ng		94
55) Dibenzofuran	14.854	168	204468	52.987	ng		99
56) 4-Nitrophenol	14.696	139	60182	120.902	ng		96
57) 2,4-Dinitrotoluene	14.831	165	60062	61.566	ng		95
58) Fluorene	15.501	166	177414	57.770	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.083	232	52342	63.503	ng		98
60) Diethylphthalate	15.271	149	186538	54.343	ng		99
61) 4-Chlorophenyl-phenyle...	15.495	204	91123	53.533	ng		96
62) 4-Nitroaniline	15.536	138	28104	41.051	ng		89
63) Azobenzene	15.788	77	160335	50.869	ng		96
65) 4,6-Dinitro-2-methylph...	15.600	198	36231	55.400	ng		100
66) n-Nitrosodiphenylamine	15.712	169	134671	45.161	ng		97
67) 4-Bromophenyl-phenylether	16.388	248	62716	49.397	ng		98
68) Hexachlorobenzene	16.505	284	73575	53.844	ng		97
69) Atrazine	16.658	200	23254	22.035	ng		99
70) Pentachlorophenol	16.858	266	81395	113.596	ng		95
71) Phenanthrene	17.240	178	314257	56.578	ng		99
72) Anthracene	17.334	178	298901	53.655	ng		99
73) Carbazole	17.610	167	254653	49.918	ng		99
74) Di-n-butylphthalate	18.156	149	355076	55.176	ng		99
75) Fluoranthene	19.255	202	380852	55.292	ng		97
78) Pyrene	19.619	202	392066	52.569	ng		99
80) Butylbenzylphthalate	20.506	149	160649	53.111	ng		99
81) Benzo(a)anthracene	21.423	228	393989	52.878	ng		97
82) 3,3'-Dichlorobenzidine	21.352	252	5043	1.960	ng	#	90
83) Chrysene	21.488	228	363549	50.621	ng		99
84) Bis(2-ethylhexyl)phtha...	21.323	149	229322	51.692	ng		100
85) Di-n-octyl phthalate	22.469	149	396590	51.975	ng		100
87) Indeno(1,2,3-cd)pyrene	28.004	276	463098	58.153	ng	#	94
88) Benzo(b)fluoranthene	23.532	252	403834	61.836	ng		98
89) Benzo(k)fluoranthene	23.597	252	388884	57.739	ng		99
90) Benzo(a)pyrene	24.361	252	342031	53.189	ng		99
91) Dibenzo(a,h)anthracene	28.051	278	392621	60.000	ng		99
92) Benzo(g,h,i)perylene	29.096	276	371530	56.788	ng		98

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

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