Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
Data File : BG058914.D
Acq On : 31 Aug 2023 3:38
Operator : MA/JU
Sample : 04196-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-01MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 09/01/2023

Quant Time: Aug 31 04:23:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 01:27:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.756	152	15087	20.000	ng		0.00
21) Naphthalene-d8	10.559	136	66368	20.000	ng	#	0.00
39) Acenaphthene-d10	14.413	164	53667	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	131612	20.000	ng		0.00
76) Chrysene-d12	21.399	240	106983	20.000	ng		0.00
86) Perylene-d12	24.431	264	133279	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.329	112	138331	147.551	ng		0.00
7) Phenol-d6	6.939	99	185247	140.835	ng		0.00
23) Nitrobenzene-d5	8.925	82	129231	93.616	ng		0.00
42) 2,4,6-Tribromophenol	15.911	330	136717	162.470	ng		0.00
45) 2-Fluorobiphenyl	13.032	172	325577	88.236	ng		0.00
79) Terphenyl-d14	19.783	244	603418	101.277	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.208	88	13970	31.695	ng	#	31
3) Pyridine	3.614	79	33397	28.673	ng		92
4) n-Nitrosodimethylamine	3.520	42	28418	44.878	ng		87
6) Aniline	7.086	93	27380	17.028	ng		92
8) 2-Chlorophenol	7.321	128	47615	50.231	ng		99
9) Benzaldehyde	6.898	77	10524m	14.264	ng		
10) Phenol	6.963	94	58997	46.515	ng		98
11) bis(2-Chloroethyl)ether	7.180	93	42898	43.345	ng		96
12) 1,3-Dichlorobenzene	7.644	146	46220	45.904	ng		95
13) 1,4-Dichlorobenzene	7.791	146	47552	46.703	ng		98
14) 1,2-Dichlorobenzene	8.108	146	46243	46.990	ng		97
15) Benzyl Alcohol	8.003	79	49347	52.472	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.291	45	98819	46.852	ng		98
17) 2-Methylphenol	8.208	107	43745	46.958	ng		97
18) Hexachloroethane	8.831	117	17495	47.159	ng		94
19) n-Nitroso-di-n-propyla...	8.567	70	38616	45.417	ng		95
20) 3+4-Methylphenols	8.537	107	60393	48.220	ng		98
22) Acetophenone	8.584	105	78047	43.443	ng	#	98
24) Nitrobenzene	8.966	77	57620	41.967	ng		99
25) Isophorone	9.483	82	117372	42.755	ng		99
26) 2-Nitrophenol	9.671	139	27453	47.809	ng	#	95
27) 2,4-Dimethylphenol	9.736	122	48393	49.727	ng		97
28) bis(2-Chloroethoxy)met...	9.971	93	62729	43.139	ng		98
29) 2,4-Dichlorophenol	10.212	162	54774	54.773	ng		98
30) 1,2,4-Trichlorobenzene	10.423	180	53671	44.445	ng		98
31) Naphthalene	10.606	128	150797	43.274	ng		99
32) Benzoic acid	9.906	122	23855	40.953	ng		96
33) 4-Chloroaniline	10.729	127	5790	3.940	ng		94
34) Hexachlorobutadiene	10.888	225	36311	44.553	ng		95
35) Caprolactam	11.510	113	15322m	42.758	ng		
36) 4-Chloro-3-methylphenol	11.863	107	68305	54.925	ng		97
37) 2-Methylnaphthalene	12.227	142	112143	44.806	ng		95
38) 1-Methylnaphthalene	12.445	142	108487	45.663	ng		98
40) 1,2,4,5-Tetrachloroben...	12.597	216	67641	40.883	ng		99
41) Hexachlorocyclopentadiene	12.574	237	54363	83.137	ng		98
43) 2,4,6-Trichlorophenol	12.844	196	52688	50.048	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.926	196	60522	48.008	ng		96
46) 1,1'-Biphenyl	13.244	154	155882	42.164	ng		96
47) 2-Chloronaphthalene	13.285	162	126515	43.912	ng		97
48) 2-Nitroaniline	13.496	65	48655	44.466	ng		97
49) Acenaphthylene	14.137	152	211970	44.365	ng		97
50) Dimethylphthalate	13.872	163	183902	44.257	ng		100
51) 2,6-Dinitrotoluene	14.002	165	40109	45.945	ng		97
52) Acenaphthene	14.477	154	122749	43.964	ng		97
53) 3-Nitroaniline	14.331	138	8765	10.410	ng	#	89
54) 2,4-Dinitrophenol	14.548	184	31529	65.944	ng	#	89
55) Dibenzofuran	14.812	168	213593	44.349	ng		99
56) 4-Nitrophenol	14.654	139	50808	83.223	ng		88
57) 2,4-Dinitrotoluene	14.795	165	57754	47.432	ng		98
58) Fluorene	15.465	166	173481	45.261	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.047	232	54176	52.663	ng		98
60) Diethylphthalate	15.235	149	189559	44.245	ng		99
61) 4-Chlorophenyl-phenyle...	15.453	204	96107	45.238	ng		95
62) 4-Nitroaniline	15.494	138	35437	41.473	ng		87
63) Azobenzene	15.747	77	165982	42.192	ng		98
65) 4,6-Dinitro-2-methylph...	15.559	198	30874	41.501	ng		95
66) n-Nitrosodiphenylamine	15.676	169	149154	43.971	ng		98
67) 4-Bromophenyl-phenylether	16.346	248	66958	46.362	ng		96
68) Hexachlorobenzene	16.469	284	76884	49.463	ng		97
69) Atrazine	16.622	200	42354	35.281	ng		93
70) Pentachlorophenol	16.816	266	71571	87.810	ng		99
71) Phenanthrene	17.204	178	277399	43.904	ng		99
72) Anthracene	17.292	178	278027	43.874	ng		99
73) Carbazole	17.568	167	250307	43.134	ng		99
74) Di-n-butylphthalate	18.120	149	313966	42.889	ng		100
75) Fluoranthene	19.219	202	331677	42.331	ng		96
77) Benzidine	19.431	184	10157m	5.297	ng		
78) Pyrene	19.583	202	337707	45.304	ng		99
80) Butylbenzylphthalate	20.470	149	140137	46.354	ng		98
81) Benzo(a)anthracene	21.381	228	331798	44.554	ng		97
82) 3,3'-Dichlorobenzidine	21.305	252	22806	8.870	ng	#	98
83) Chrysene	21.446	228	306406	42.687	ng		98
84) Bis(2-ethylhexyl)phtha...	21.287	149	197273	44.491	ng		99
85) Di-n-octyl phthalate	22.421	149	343530	45.044	ng		100
87) Indeno(1,2,3-cd)pyrene	27.885	276	385855	42.791	ng		99
88) Benzo(b)fluoranthene	23.467	252	349031	47.198	ng		97
89) Benzo(k)fluoranthene	23.532	252	325341	42.659	ng		98
90) Benzo(a)pyrene	24.290	252	303288	41.652	ng		98
91) Dibenzo(a,h)anthracene	27.932	278	316870	42.765	ng		98
92) Benzo(g,h,i)perylene	28.961	276	313629	42.335	ng		97

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

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