Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
Data File : BG058808.D
Acq On : 22 Aug 2023 15:03
Operator : MA/JU
Sample : 04090-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-LMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/12/2023

Quant Time: Aug 23 16:10:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	24612	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	107900	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	78951	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	201914	20.000	ng	0.00
76) Chrysene-d12	21.448	240	181324	20.000	ng	0.00
86) Perylene-d12	24.515	264	229941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	141637	92.610	ng	0.00
7) Phenol-d6	6.983	99	197706	92.138	ng	0.00
23) Nitrobenzene-d5	8.969	82	112637	50.188	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	106363	85.920	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	244215	44.990	ng	0.00
79) Terphenyl-d14	19.821	244	513500	50.850	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	25305	35.193	ng	97
3) Pyridine	3.657	79	62196	32.733	ng	97
4) n-Nitrosodimethylamine	3.581	42	40118	38.836	ng	99
6) Aniline	7.130	93	81144	30.935	ng	99
8) 2-Chlorophenol	7.371	128	70413	45.534	ng	98
9) Benzaldehyde	6.948	77	30351m	25.216	ng	
10) Phenol	7.006	94	96334	46.558	ng	98
11) bis(2-Chloroethyl)ether	7.230	93	66801	41.375	ng	99
12) 1,3-Dichlorobenzene	7.694	146	70896	43.162	ng	97
13) 1,4-Dichlorobenzene	7.841	146	72421	43.601	ng	99
14) 1,2-Dichlorobenzene	8.158	146	70813	44.109	ng	97
15) Benzyl Alcohol	8.046	79	69742	45.459	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.328	45	145117m	42.176	ng	
17) 2-Methylphenol	8.258	107	64281	42.298	ng	97
18) Hexachloroethane	8.881	117	26162	43.230	ng	99
19) n-Nitroso-di-n-propyla...	8.610	70	56253	40.556	ng	99
20) 3+4-Methylphenols	8.581	107	89882	43.992	ng	95
22) Acetophenone	8.628	105	111883	38.305	ng	98
24) Nitrobenzene	9.016	77	84545	37.876	ng	98
25) Isophorone	9.533	82	164158	36.781	ng	100
26) 2-Nitrophenol	9.727	139	38537	41.280	ng	97
27) 2,4-Dimethylphenol	9.785	122	65861	41.627	ng	98
28) bis(2-Chloroethoxy)met...	10.020	93	92527	39.138	ng	98
29) 2,4-Dichlorophenol	10.261	162	70908	43.614	ng	92
30) 1,2,4-Trichlorobenzene	10.473	180	76816	39.127	ng	95
31) Naphthalene	10.655	128	216831	38.273	ng	99
32) Benzoic acid	9.956	122	36769	39.124	ng	94
33) 4-Chloroaniline	10.778	127	59378	24.851	ng	97
34) Hexachlorobutadiene	10.937	225	51346	38.751	ng	98
35) Caprolactam	11.560	113	24340m	41.780	ng	
36) 4-Chloro-3-methylphenol	11.906	107	87011	43.036	ng	98
37) 2-Methylnaphthalene	12.271	142	152369	37.446	ng	98
38) 1-Methylnaphthalene	12.494	142	146664	37.971	ng	98
40) 1,2,4,5-Tetrachloroben...	12.647	216	91340	37.527	ng	99
41) Hexachlorocyclopentadiene	12.617	237	78487	81.754	ng	99
43) 2,4,6-Trichlorophenol	12.888	196	65896	42.548	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	70908	38.234	ng		98
46) 1,1'-Biphenyl	13.287	154	206253	37.923	ng		98
47) 2-Chloronaphthalene	13.328	162	164526	38.818	ng		96
48) 2-Nitroaniline	13.546	65	64128	39.838	ng		96
49) Acenaphthylene	14.180	152	277315	39.454	ng		98
50) Dimethylphthalate	13.916	163	228943	37.452	ng		99
51) 2,6-Dinitrotoluene	14.039	165	50824	39.575	ng		94
52) Acenaphthene	14.521	154	154581	37.634	ng		97
53) 3-Nitroaniline	14.374	138	35543	28.695	ng	#	93
54) 2,4-Dinitrophenol	14.592	184	56233	78.485	ng		95
55) Dibenzofuran	14.856	168	270439	38.169	ng		97
56) 4-Nitrophenol	14.691	139	78726	87.418	ng		98
57) 2,4-Dinitrotoluene	14.832	165	73473	41.018	ng		95
58) Fluorene	15.508	166	219468	38.922	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.085	232	65010	42.956	ng		98
60) Diethylphthalate	15.273	149	242454	38.468	ng		99
61) 4-Chlorophenyl-phenyle...	15.496	204	121967	39.025	ng		99
62) 4-Nitroaniline	15.543	138	52975	42.143	ng		92
63) Azobenzene	15.790	77	221448	38.264	ng		98
65) 4,6-Dinitro-2-methylph...	15.602	198	45679	40.023	ng		99
66) n-Nitrosodiphenylamine	15.714	169	197516	37.954	ng		100
67) 4-Bromophenyl-phenylether	16.389	248	82169	37.085	ng		99
68) Hexachlorobenzene	16.513	284	93709	39.296	ng		98
69) Atrazine	16.666	200	86999	47.238	ng		95
70) Pentachlorophenol	16.859	266	85799	68.615	ng		96
71) Phenanthrene	17.247	178	372004	38.377	ng		99
72) Anthracene	17.335	178	379357	39.021	ng		99
73) Carbazole	17.612	167	356359	40.028	ng		99
74) Di-n-butylphthalate	18.158	149	447155	39.815	ng		99
75) Fluoranthene	19.263	202	466708	38.825	ng		99
77) Benzidine	19.445	184	189219	58.227	ng		96
78) Pyrene	19.627	202	479038	37.916	ng		98
80) Butylbenzylphthalate	20.508	149	201444	39.314	ng		99
81) Benzo(a)anthracene	21.425	228	487827	38.649	ng		98
82) 3,3'-Dichlorobenzidine	21.348	252	134723	30.917	ng		98
83) Chrysene	21.489	228	451933	37.147	ng		99
84) Bis(2-ethylhexyl)phtha...	21.331	149	289129	38.473	ng		100
85) Di-n-octyl phthalate	22.476	149	510307	39.479	ng		99
87) Indeno(1,2,3-cd)pyrene	28.011	276	606992	39.017	ng	#	93
88) Benzo(b)fluoranthene	23.540	252	517950	40.597	ng		98
89) Benzo(k)fluoranthene	23.610	252	488851	37.153	ng		98
90) Benzo(a)pyrene	24.374	252	458821	36.523	ng		99
91) Dibenzo(a,h)anthracene	28.064	278	501991	39.269	ng		98
92) Benzo(g,h,i)perylene	29.116	276	492914	38.566	ng		98

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

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