Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
Data File : BG060854.D
Acq On : 10 Apr 2024 17:53
Operator : MA/JU
Sample : P2022-01MSD 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-04082024MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024

Quant Time: Apr 11 02:23:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.952	152	72045	20.000	ng		0.00
21) Naphthalene-d8	10.749	136	267231	20.000	ng		0.00
39) Acenaphthene-d10	14.580	164	188796	20.000	ng		0.00
64) Phenanthrene-d10	17.323	188	412562	20.000	ng		-0.02
76) Chrysene-d12	21.589	240	370515	20.000	ng		-0.02
86) Perylene-d12	24.726	264	382502	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.537	112	35450	8.197	ng		0.00
7) Phenol-d6	7.112	99	48860	7.611	ng		0.00
23) Nitrobenzene-d5	9.098	82	33265	7.103	ng		-0.02
42) 2,4,6-Tribromophenol	16.066	330	23181	10.816	ng		0.00
45) 2-Fluorobiphenyl	13.199	172	80545	6.261	ng		-0.02
79) Terphenyl-d14	19.944	244	127981	6.082	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.469	88	5397m	3.044	ng		
3) Pyridine	3.857	79	13705	2.562	ng	#	87
4) n-Nitrosodimethylamine	3.769	42	11352	3.551	ng	#	96
8) 2-Chlorophenol	7.517	128	17063	3.480	ng		95
10) Phenol	7.141	94	22750	3.472	ng		93
11) bis(2-Chloroethyl)ether	7.370	93	17373	3.284	ng		97
12) 1,3-Dichlorobenzene	7.846	146	19963	3.915	ng		92
13) 1,4-Dichlorobenzene	7.987	146	19987	3.842	ng		97
14) 1,2-Dichlorobenzene	8.305	146	18487	3.627	ng		96
15) Benzyl Alcohol	8.181	79	16573	3.187	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.469	45	41292	3.459	ng		98
17) 2-Methylphenol	8.387	107	15148	3.063	ng		94
18) Hexachloroethane	9.033	117	5878	3.182	ng	#	68
19) n-Nitroso-di-n-propyla...	8.745	70	14457	2.953	ng		98
20) 3+4-Methylphenols	8.710	107	19850	2.931	ng		93
22) Acetophenone	8.763	105	29003	3.936	ng	#	96
24) Nitrobenzene	9.145	77	20000	6.388	ng		96
25) Isophorone	9.668	82	37486	3.475	ng	#	95
26) 2-Nitrophenol	9.862	139	7111	7.159	ng		94
27) 2,4-Dimethylphenol	9.914	122	12388	2.859	ng		94
28) bis(2-Chloroethoxy)met...	10.155	93	21960	3.448	ng		99
29) 2,4-Dichlorophenol	10.396	162	15395	3.869	ng		96
30) 1,2,4-Trichlorobenzene	10.608	180	18876	4.190	ng	#	94
31) Naphthalene	10.796	128	54933	3.800	ng		98
32) Benzoic acid	9.979	122	5618m	8.507	ng		
34) Hexachlorobutadiene	11.089	225	14406	4.798	ng		94
35) Caprolactam	11.630	113	3748	2.378	ng	#	88
36) 4-Chloro-3-methylphenol	12.024	107	17321	3.408	ng		94
37) 2-Methylnaphthalene	12.400	142	37617	3.540	ng		95
38) 1-Methylnaphthalene	12.623	142	33902	3.377	ng		100
40) 1,2,4,5-Tetrachloroben...	12.770	216	23568	4.342	ng		95
43) 2,4,6-Trichlorophenol	13.005	196	14235m	4.073	ng		
44) 2,4,5-Trichlorophenol	13.081	196	15770	3.781	ng	#	91
46) 1,1'-Biphenyl	13.410	154	51726	3.879	ng		92
47) 2-Chloronaphthalene	13.451	162	39400	3.889	ng		100
48) 2-Nitroaniline	13.645	65	12070	6.637	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	14.297	152	64027	3.761	ng		97
50) Dimethylphthalate	14.027	163	50027	3.352	ng		98
51) 2,6-Dinitrotoluene	14.145	165	7983	6.264	ng		93
52) Acenaphthene	14.638	154	37507	3.509	ng		96
53) 3-Nitroaniline	14.474	138	8785	5.670	ng		95
55) Dibenzofuran	14.973	168	63251	3.752	ng		99
56) 4-Nitrophenol	14.785	139	13719	6.289	ng		90
57) 2,4-Dinitrotoluene	14.932	165	10710	6.251	ng	#	89
58) Fluorene	15.625	166	52260	3.862	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.196	232	14235	3.916	ng		96
60) Diethylphthalate	15.396	149	47935	3.193	ng	#	93
61) 4-Chlorophenyl-phenyle...	15.625	204	27332	3.818	ng		89
62) 4-Nitroaniline	15.625	138	11238	4.119	ng		88
63) Azobenzene	15.913	77	48276	3.300	ng		96
65) 4,6-Dinitro-2-methylph...	15.690	198	140	7.104	ng	#	86
66) n-Nitrosodiphenylamine	15.831	169	42969	3.645	ng		99
67) 4-Bromophenyl-phenylether	16.518	248	17483	4.176	ng		96
68) Hexachlorobenzene	16.630	284	20508	4.339	ng		97
69) Atrazine	16.783	200	16654	4.040	ng		93
70) Pentachlorophenol	16.977	266	21787	7.064	ng		93
71) Phenanthrene	17.364	178	93518	4.359	ng		99
72) Anthracene	17.459	178	83156	3.816	ng		98
73) Carbazole	17.723	167	70487	3.669	ng		100
74) Di-n-butylphthalate	18.299	149	86118	3.595	ng	#	99
75) Fluoranthene	19.380	202	120250	4.619	ng		94
78) Pyrene	19.738	202	127434	4.918	ng		99
80) Butylbenzylphthalate	20.643	149	36434	3.854	ng		97
81) Benzo(a)anthracene	21.571	228	114289	4.376	ng		94
82) 3,3'-Dichlorobenzidine	21.489	252	27589	3.128	ng	#	92
83) Chrysene	21.630	228	111056	4.412	ng		96
84) Bis(2-ethylhexyl)phtha...	21.507	149	56264	3.734	ng	#	96
85) Di-n-octyl phthalate	22.699	149	93263	3.800	ng	#	84
87) Indeno(1,2,3-cd)pyrene	28.287	276	80088m	2.973	ng		
88) Benzo(b)fluoranthene	23.733	252	99946	4.548	ng	#	85
89) Benzo(k)fluoranthene	23.798	252	97448	4.333	ng	#	77
90) Benzo(a)pyrene	24.580	252	89297	4.182	ng	#	82
91) Dibenzo(a,h)anthracene	28.340	278	61848m	2.724	ng		
92) Benzo(g,h,i)perylene	29.392	276	50427m	2.283	ng		

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

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