Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
Data File : BP021503.D
Acq On : 14 Aug 2024 17:20
Operator : RC/JU
Sample : P3390-08
Misc : LOQ-WATER-10ng
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 14 17:46:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 17:03:20 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	348467	20.000	ng		-0.02
21) Naphthalene-d8	10.581	136	1451536	20.000	ng		-0.02
39) Acenaphthene-d10	14.440	164	946897	20.000	ng		-0.02
64) Phenanthrene-d10	17.251	188	2023368	20.000	ng		0.00
76) Chrysene-d12	21.698	240	1953500	20.000	ng		0.00
86) Perylene-d12	25.116	264	2090365	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2856037	121.699	ng		-0.01
7) Phenol-d6	6.952	99	4108350	120.007	ng		-0.01
23) Nitrobenzene-d5	8.940	82	2616855	93.052	ng		-0.01
42) 2,4,6-Tribromophenol	15.957	330	1309510	124.259	ng		-0.01
45) 2-Fluorobiphenyl	13.057	172	5154050	83.070	ng		0.00
79) Terphenyl-d14	19.975	244	7895775	78.522	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	112323	10.094	ng		98
3) Pyridine	3.699	79	281323	9.056	ng		98
4) n-Nitrosodimethylamine	3.611	42	92813	9.940	ng	#	100
6) Aniline	7.116	93	396601	11.588	ng		99
8) 2-Chlorophenol	7.358	128	222737	10.270	ng		99
9) Benzaldehyde	6.934	77	262851	11.992	ng		98
10) Phenol	6.975	94	353378	9.968	ng		99
11) bis(2-Chloroethyl)ether	7.216	93	299245	9.976	ng		98
12) 1,3-Dichlorobenzene	7.687	146	246233	9.558	ng		99
13) 1,4-Dichlorobenzene	7.828	146	255332	9.816	ng		98
14) 1,2-Dichlorobenzene	8.146	146	240718	9.603	ng		99
15) Benzyl Alcohol	8.022	79	250646	10.204	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.311	45	292313	10.582	ng		99
17) 2-Methylphenol	8.222	107	214409	9.567	ng		100
18) Hexachloroethane	8.875	117	100966	9.679	ng		96
19) n-Nitroso-di-n-propyla...	8.587	70	238083	10.068	ng		98
20) 3+4-Methylphenols	8.546	107	294815	9.756	ng		98
22) Acetophenone	8.605	105	457844	10.267	ng	#	98
24) Nitrobenzene	8.981	77	331082	10.840	ng		99
25) Isophorone	9.505	82	674322	10.150	ng		99
26) 2-Nitrophenol	9.693	139	61825	13.139	ng		97
27) 2,4-Dimethylphenol	9.752	122	148138	9.035	ng		99
28) bis(2-Chloroethoxy)met...	9.993	93	407604	10.051	ng		99
29) 2,4-Dichlorophenol	10.222	162	189526	9.783	ng		97
30) 1,2,4-Trichlorobenzene	10.446	180	240039	9.665	ng		94
31) Naphthalene	10.634	128	748290	9.868	ng		99
32) Benzoic acid	9.810	122	61099	10.732	ng		98
33) 4-Chloroaniline	10.734	127	300752	10.559	ng		99
34) Hexachlorobutadiene	10.934	225	144747	9.256	ng		96
35) Caprolactam	11.475	113	75714	9.390	ng		94
36) 4-Chloro-3-methylphenol	11.852	107	254088	9.455	ng		99
37) 2-Methylnaphthalene	12.252	142	500919	9.679	ng		99
38) 1-Methylnaphthalene	12.469	142	468312	9.175	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	283389	10.214	ng		99
41) Hexachlorocyclopentadiene	12.610	237	94787	10.780	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	148026	9.605	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	165379	9.658	ng		98
46) 1,1'-Biphenyl	13.269	154	689496	10.292	ng		99
47) 2-Chloronaphthalene	13.310	162	520066	9.971	ng		99
48) 2-Nitroaniline	13.499	65	119212	9.831	ng		97
49) Acenaphthylene	14.157	152	827863	10.797	ng		100
50) Dimethylphthalate	13.893	163	643619	10.150	ng		99
51) 2,6-Dinitrotoluene	13.998	165	106152	11.320	ng		92
52) Acenaphthene	14.510	154	498636	9.912	ng		98
53) 3-Nitroaniline	14.334	138	107947	11.611	ng	#	93
54) 2,4-Dinitrophenol	14.534	184	25527	7.806	ng	#	40
55) Dibenzofuran	14.845	168	798938	10.323	ng		99
56) 4-Nitrophenol	14.640	139	82136	8.902	ng		95
57) 2,4-Dinitrotoluene	14.793	165	121281	11.288	ng		96
58) Fluorene	15.504	166	644136	10.131	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.075	232	142762	9.823	ng		98
60) Diethylphthalate	15.281	149	648856	9.973	ng		99
61) 4-Chlorophenyl-phenyle...	15.504	204	332673	10.123	ng		98
62) 4-Nitroaniline	15.504	138	111133	11.006	ng		88
63) Azobenzene	15.804	77	838036	10.478	ng		98
65) 4,6-Dinitro-2-methylph...	15.575	198	38619	12.293	ng		92
66) n-Nitrosodiphenylamine	15.728	169	542945	10.013	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	189538	8.851	ng		98
68) Hexachlorobenzene	16.540	284	242183	9.570	ng		98
69) Atrazine	16.698	200	193092	10.372	ng		99
70) Pentachlorophenol	16.881	266	106536	7.713	ng		97
71) Phenanthrene	17.287	178	1003666	10.314	ng		99
72) Anthracene	17.381	178	963919	10.101	ng		99
73) Carbazole	17.651	167	898229	9.767	ng		99
74) Di-n-butylphthalate	18.269	149	1055779	9.347	ng		98
75) Fluoranthene	19.375	202	1146884	9.606	ng		99
77) Benzidine	19.575	184	427891	10.441	ng		99
78) Pyrene	19.751	202	1193622	9.348	ng		99
80) Butylbenzylphthalate	20.704	149	355047	9.963	ng		94
81) Benzo(a)anthracene	21.675	228	1225028	9.989	ng		100
82) 3,3'-Dichlorobenzidine	21.604	252	402588	10.239	ng		99
83) Chrysene	21.745	228	1144394	9.884	ng		99
84) Bis(2-ethylhexyl)phtha...	21.645	149	653457	10.180	ng		98
85) Di-n-octyl phthalate	22.963	149	916649	11.310	ng		98
87) Indeno(1,2,3-cd)pyrene	28.986	276	1335873m	9.859	ng		
88) Benzo(b)fluoranthene	24.027	252	1147028	9.554	ng		99
89) Benzo(k)fluoranthene	24.104	252	1177478	10.054	ng		99
90) Benzo(a)pyrene	24.945	252	1045960	10.040	ng		99
91) Dibenzo(a,h)anthracene	29.074	278	1123180	9.976	ng		99
92) Benzo(g,h,i)perylene	30.168	276	1065439	9.442	ng		99

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

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