Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061024\
Data File : BP020582.D
Acq On : 10 Jun 2024 18:23
Operator : MA/JU
Sample : P2784-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WCS-TPDMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 11 01:38:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	205853	20.000	ng		-0.01
21) Naphthalene-d8	10.528	136	814213	20.000	ng		0.00
39) Acenaphthene-d10	14.387	164	542404	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1169950	20.000	ng		0.00
76) Chrysene-d12	21.663	240	1093978	20.000	ng		0.00
86) Perylene-d12	25.033	264	1308135	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1753525	152.517	ng		0.00
7) Phenol-d6	6.940	99	2150292	132.619	ng		0.00
23) Nitrobenzene-d5	8.905	82	1483671	99.748	ng		-0.02
42) 2,4,6-Tribromophenol	15.904	330	1090588	193.741	ng		0.00
45) 2-Fluorobiphenyl	12.999	172	3450007	94.819	ng		0.00
79) Terphenyl-d14	19.945	244	5701219	86.756	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	198181	42.660	ng	#	44
3) Pyridine	3.734	79	481677	36.877	ng		93
4) n-Nitrosodimethylamine	3.634	42	275183	43.376	ng		95
6) Aniline	7.099	93	265622	16.167	ng		99
8) 2-Chlorophenol	7.328	128	682717	52.972	ng		97
9) Benzaldehyde	6.911	77	58623m	5.637	ng		
10) Phenol	6.964	94	771584	46.458	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	629380	45.951	ng		99
12) 1,3-Dichlorobenzene	7.646	146	723695	47.658	ng		98
13) 1,4-Dichlorobenzene	7.793	146	740266	47.964	ng		98
14) 1,2-Dichlorobenzene	8.111	146	713546	47.906	ng		98
15) Benzyl Alcohol	7.999	79	609461	50.888	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	857123	41.916	ng		98
17) 2-Methylphenol	8.199	107	561109	49.785	ng		100
18) Hexachloroethane	8.822	117	266578	47.303	ng		94
19) n-Nitroso-di-n-propyla...	8.558	70	500277	45.197	ng		97
20) 3+4-Methylphenols	8.522	107	759181	49.524	ng		97
22) Acetophenone	8.575	105	988752	48.922	ng	#	98
24) Nitrobenzene	8.946	77	722464	47.859	ng		97
25) Isophorone	9.475	82	1381973	47.820	ng		99
26) 2-Nitrophenol	9.646	139	358821	59.134	ng		97
27) 2,4-Dimethylphenol	9.710	122	488027	55.897	ng		98
28) bis(2-Chloroethoxy)met...	9.946	93	845678	47.609	ng		100
29) 2,4-Dichlorophenol	10.181	162	667103	56.953	ng		97
30) 1,2,4-Trichlorobenzene	10.387	180	695624	50.025	ng		98
31) Naphthalene	10.581	128	2050225	49.256	ng		99
32) Benzoic acid	9.857	122	405295	48.740	ng		99
33) 4-Chloroaniline	10.693	127	70514	4.379	ng		98
34) Hexachlorobutadiene	10.852	225	433344	49.472	ng		98
35) Caprolactam	11.499	113	203916m	47.506	ng		
36) 4-Chloro-3-methylphenol	11.816	107	741284	54.053	ng		99
37) 2-Methylnaphthalene	12.187	142	1450343	48.627	ng		99
38) 1-Methylnaphthalene	12.416	142	1347066	45.561	ng		100
40) 1,2,4,5-Tetrachloroben...	12.551	216	823335	52.463	ng		99
41) Hexachlorocyclopentadiene	12.528	237	891895	161.709	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	560572	59.093	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	606652	55.432	ng		98
46) 1,1'-Biphenyl	13.210	154	1901427	49.673	ng		98
47) 2-Chloronaphthalene	13.251	162	1480181	48.641	ng		98
48) 2-Nitroaniline	13.463	65	448323	54.369	ng		95
49) Acenaphthylene	14.110	152	2492877	55.208	ng		100
50) Dimethylphthalate	13.857	163	1956468	51.171	ng		99
51) 2,6-Dinitrotoluene	13.969	165	433836	53.086	ng		93
52) Acenaphthene	14.451	154	1374525	48.258	ng		99
53) 3-Nitroaniline	14.304	138	163200	19.909	ng		98
54) 2,4-Dinitrophenol	14.510	184	466605	111.552	ng		93
55) Dibenzofuran	14.793	168	2311491	51.230	ng		98
56) 4-Nitrophenol	14.622	139	709656	111.914	ng		96
57) 2,4-Dinitrotoluene	14.757	165	609116	56.715	ng		95
58) Fluorene	15.457	166	1812732	50.045	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	548636	61.258	ng		97
60) Diethylphthalate	15.234	149	1953666	50.267	ng		100
61) 4-Chlorophenyl-phenyle...	15.451	204	927311	49.611	ng		98
62) 4-Nitroaniline	15.487	138	417019	49.386	ng		99
63) Azobenzene	15.757	77	1757904	48.439	ng		97
65) 4,6-Dinitro-2-methylph...	15.540	198	330611	61.230	ng		96
66) n-Nitrosodiphenylamine	15.675	169	1578028	49.059	ng		100
67) 4-Bromophenyl-phenylether	16.369	248	637634	53.273	ng		96
68) Hexachlorobenzene	16.481	284	716472	50.861	ng		98
69) Atrazine	16.651	200	509014	44.981	ng		99
70) Pentachlorophenol	16.845	266	972406	113.658	ng		99
71) Phenanthrene	17.251	178	2960402	51.475	ng		99
72) Anthracene	17.339	178	3032493	53.735	ng		100
73) Carbazole	17.622	167	2736031	50.122	ng		99
74) Di-n-butylphthalate	18.222	149	3422204	51.769	ng		100
75) Fluoranthene	19.339	202	3579928	52.616	ng		99
77) Benzidine	19.557	184	380065m	14.527	ng		
78) Pyrene	19.722	202	3715700	45.155	ng		100
80) Butylbenzylphthalate	20.680	149	1560611	47.139	ng		94
81) Benzo(a)anthracene	21.645	228	3742804	51.960	ng		100
82) 3,3'-Dichlorobenzidine	21.569	252	538492	25.148	ng		99
83) Chrysene	21.716	228	3562881	52.492	ng		100
84) Bis(2-ethylhexyl)phtha...	21.598	149	2278913	48.662	ng	#	97
85) Di-n-octyl phthalate	22.898	149	4013977	58.970	ng		97
87) Indeno(1,2,3-cd)pyrene	28.868	276	4648227m	58.434	ng		
88) Benzo(b)fluoranthene	23.974	252	3908657	47.962	ng		99
89) Benzo(k)fluoranthene	24.045	252	3724555	46.859	ng		99
90) Benzo(a)pyrene	24.880	252	3620720	53.647	ng		99
91) Dibenzo(a,h)anthracene	28.956	278	3763047	56.716	ng		98
92) Benzo(g,h,i)perylene	30.062	276	3583633	54.036	ng		97

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

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