Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061024\
Data File : BP020581.D
Acq On : 10 Jun 2024 17:39
Operator : MA/JU
Sample : P2784-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WCS-TPDMS

Manual Integrations APPROVED

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

Quant Time: Jun 10 18:21:56 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	7.752	152	207045	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	809813	20.000	ng	-0.01
39) Acenaphthene-d10	14.393	164	527940	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1143710	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1129557	20.000	ng	0.00
86) Perylene-d12	25.039	264	1324346	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1658270	143.401	ng	0.00
7) Phenol-d6	6.934	99	2012681	123.417	ng	0.00
23) Nitrobenzene-d5	8.905	82	1414431	95.610	ng	-0.02
42) 2,4,6-Tribromophenol	15.910	330	1013700	185.016	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	3276210	92.509	ng	-0.01
79) Terphenyl-d14	19.945	244	5613933	82.737	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	191463	40.977	ng	# 43
3) Pyridine	3.728	79	427936	32.574	ng	94
4) n-Nitrosodimethylamine	3.628	42	258961	40.584	ng	94
6) Aniline	7.099	93	209512	12.679	ng	99
8) 2-Chlorophenol	7.328	128	643824	49.666	ng	96
9) Benzaldehyde	6.916	77	55348m	5.291	ng	
10) Phenol	6.964	94	717886	42.976	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	601769	43.682	ng	96
12) 1,3-Dichlorobenzene	7.646	146	690147	45.188	ng	98
13) 1,4-Dichlorobenzene	7.793	146	711693	45.847	ng	98
14) 1,2-Dichlorobenzene	8.099	146	678535	45.293	ng	99
15) Benzyl Alcohol	7.999	79	570437	47.355	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	824227	40.075	ng	98
17) 2-Methylphenol	8.199	107	537442	47.411	ng	99
18) Hexachloroethane	8.822	117	258559	45.615	ng	93
19) n-Nitroso-di-n-propyla...	8.558	70	472968	42.484	ng	97
20) 3+4-Methylphenols	8.522	107	724370	46.981	ng	98
22) Acetophenone	8.575	105	955110	47.515	ng	99
24) Nitrobenzene	8.952	77	688905	45.884	ng	97
25) Isophorone	9.469	82	1315233	45.758	ng	99
26) 2-Nitrophenol	9.652	139	334234	55.622	ng	96
27) 2,4-Dimethylphenol	9.710	122	458100	52.754	ng	98
28) bis(2-Chloroethoxy)met...	9.946	93	810357	45.869	ng	99
29) 2,4-Dichlorophenol	10.175	162	630065	54.083	ng	97
30) 1,2,4-Trichlorobenzene	10.393	180	668109	48.307	ng	96
31) Naphthalene	10.575	128	1957756	47.290	ng	100
32) Benzoic acid	9.852	122	357676	44.018	ng	97
33) 4-Chloroaniline	10.693	127	61873	3.864	ng	98
34) Hexachlorobutadiene	10.852	225	418293	48.013	ng	98
35) Caprolactam	11.504	113	194058	45.455	ng	88
36) 4-Chloro-3-methylphenol	11.822	107	680426	49.885	ng	98
37) 2-Methylnaphthalene	12.199	142	1381806	46.581	ng	99
38) 1-Methylnaphthalene	12.410	142	1279833	43.522	ng	98
40) 1,2,4,5-Tetrachloroben...	12.563	216	759948	49.751	ng	99
41) Hexachlorocyclopentadiene	12.540	237	861724	160.519	ng	99
43) 2,4,6-Trichlorophenol	12.810	196	524020	56.753	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	574517	53.934	ng	96
46) 1,1'-Biphenyl	13.216	154	1826871	49.032	ng	99
47) 2-Chloronaphthalene	13.257	162	1408356	47.548	ng	99
48) 2-Nitroaniline	13.463	65	423383	52.752	ng	97
49) Acenaphthylene	14.104	152	2328058	52.970	ng	99
50) Dimethylphthalate	13.846	163	1842921	49.522	ng	100
51) 2,6-Dinitrotoluene	13.969	165	403966	50.786	ng	95
52) Acenaphthene	14.451	154	1298574	46.840	ng	99
53) 3-Nitroaniline	14.298	138	140255	17.579	ng	98
54) 2,4-Dinitrophenol	14.504	184	415880	104.807	ng	95
55) Dibenzofuran	14.798	168	2183249	49.713	ng	98
56) 4-Nitrophenol	14.616	139	673379	109.103	ng	92
57) 2,4-Dinitrotoluene	14.769	165	567107	54.250	ng	93
58) Fluorene	15.457	166	1701515	48.262	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	513332	58.886	ng	96
60) Diethylphthalate	15.234	149	1784511	47.173	ng	100
61) 4-Chlorophenyl-phenyle...	15.451	204	884605	48.623	ng	99
62) 4-Nitroaniline	15.481	138	384781	46.816	ng	97
63) Azobenzene	15.757	77	1629653	46.135	ng	95
65) 4,6-Dinitro-2-methylph...	15.540	198	301661	57.660	ng	93
66) n-Nitrosodiphenylamine	15.675	169	1430467	45.492	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	586499	50.125	ng	96
68) Hexachlorobenzene	16.481	284	672839	48.860	ng	99
69) Atrazine	16.663	200	434777	39.302	ng	100
70) Pentachlorophenol	16.839	266	901506	107.788	ng	99
71) Phenanthrene	17.245	178	2816264	50.092	ng	100
72) Anthracene	17.345	178	2834858	51.386	ng	100
73) Carbazole	17.622	167	2478795	46.451	ng	100
74) Di-n-butylphthalate	18.222	149	3189022	49.348	ng	99
75) Fluoranthene	19.339	202	3407000	51.223	ng	99
77) Benzidine	19.563	184	95026m	8.043	ng	
78) Pyrene	19.722	202	3578426	42.117	ng	100
80) Butylbenzylphthalate	20.675	149	1518549	44.564	ng	92
81) Benzo(a)anthracene	21.645	228	3662327	49.242	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	410578	18.571	ng	98
83) Chrysene	21.710	228	3433236	48.989	ng	100
84) Bis(2-ethylhexyl)phtha...	21.592	149	2187967	45.249	ng	99
85) Di-n-octyl phthalate	22.886	149	3927707	55.886	ng	96
87) Indeno(1,2,3-cd)pyrene	28.880	276	4684532m	58.169	ng	
88) Benzo(b)fluoranthene	23.969	252	3836051	46.495	ng	100
89) Benzo(k)fluoranthene	24.045	252	3829858	47.594	ng	98
90) Benzo(a)pyrene	24.880	252	3610531	52.841	ng	98
91) Dibenzo(a,h)anthracene	28.962	278	3824667	56.939	ng	97
92) Benzo(g,h,i)perylene	30.051	276	3624796	53.988	ng	96

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

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