Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
Data File : BP019863.D
Acq On : 24 Feb 2024 15:52
Operator : MA/JU
Sample : P1564-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LKWD-BACKFILL-10MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024
Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 26 00:11:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 13:10:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	82999	20.000	ng		0.00
21) Naphthalene-d8	10.705	136	301048	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	200092	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	432331	20.000	ng		0.00
76) Chrysene-d12	21.416	240	409403	20.000	ng		#-0.01
86) Perylene-d12	23.845	264	509454	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	387358	75.229	ng		0.00
7) Phenol-d6	7.081	99	506095	72.895	ng		0.00
23) Nitrobenzene-d5	9.075	82	347680	50.043	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	275722	94.377	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	814129	50.299	ng		0.00
79) Terphenyl-d14	19.875	244	1405847	56.472	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	71118	35.849	ng		99
3) Pyridine	3.781	79	186266	34.632	ng		97
4) n-Nitrosodimethylamine	3.705	42	95876	40.944	ng		98
6) Aniline	7.234	93	201358	29.848	ng		99
8) 2-Chlorophenol	7.469	128	231710	43.831	ng		98
9) Benzaldehyde	7.052	77	38015m	7.810	ng		
10) Phenol	7.105	94	291173	42.078	ng		97
11) bis(2-Chloroethyl)ether	7.340	93	221585	41.160	ng		99
12) 1,3-Dichlorobenzene	7.787	146	268235	41.467	ng		98
13) 1,4-Dichlorobenzene	7.940	146	274117	41.827	ng		99
14) 1,2-Dichlorobenzene	8.252	146	264026	41.639	ng		98
15) Benzyl Alcohol	8.158	79	235175	42.394	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	215205	39.975	ng		97
17) 2-Methylphenol	8.358	107	194591	41.770	ng		99
18) Hexachloroethane	8.969	117	103827	40.873	ng		97
19) n-Nitroso-di-n-propyla...	8.722	70	185182	39.049	ng		96
20) 3+4-Methylphenols	8.687	107	258180	40.607	ng		98
22) Acetophenone	8.740	105	359997	41.975	ng	#	96
24) Nitrobenzene	9.116	77	279343	39.934	ng		100
25) Isophorone	9.646	82	496792	41.059	ng		99
26) 2-Nitrophenol	9.822	139	127151	47.672	ng		99
27) 2,4-Dimethylphenol	9.887	122	167741	49.183	ng		99
28) bis(2-Chloroethoxy)met...	10.128	93	281882	41.176	ng		99
29) 2,4-Dichlorophenol	10.358	162	230686	44.745	ng		97
30) 1,2,4-Trichlorobenzene	10.563	180	274161	43.371	ng		98
31) Naphthalene	10.752	128	687675	41.649	ng		100
32) Benzoic acid	10.052	122	157082	47.272	ng		99
33) 4-Chloroaniline	10.881	127	85679	14.032	ng		97
34) Hexachlorobutadiene	11.022	225	201007	42.910	ng		99
35) Caprolactam	11.693	113	71232	48.806	ng		96
36) 4-Chloro-3-methylphenol	12.004	107	282191	50.198	ng		97
37) 2-Methylnaphthalene	12.363	142	609918	53.377	ng		99
38) 1-Methylnaphthalene	12.587	142	579693	51.625	ng		100
40) 1,2,4,5-Tetrachloroben...	12.728	216	356022	46.136	ng		98
41) Hexachlorocyclopentadiene	12.693	237	422785	121.279	ng		98
43) 2,4,6-Trichlorophenol	12.981	196	210508	45.050	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	227557	44.349	ng		97
46) 1,1'-Biphenyl	13.381	154	655969	41.075	ng		99
47) 2-Chloronaphthalene	13.422	162	527075	40.205	ng		99
48) 2-Nitroaniline	13.640	65	161399	44.030	ng		97
49) Acenaphthylene	14.269	152	832050	45.239	ng		100
50) Dimethylphthalate	14.016	163	656615	42.867	ng		99
51) 2,6-Dinitrotoluene	14.140	165	143067	42.511	ng		97
52) Acenaphthene	14.610	154	469128	41.097	ng		99
53) 3-Nitroaniline	14.469	138	90617	29.299	ng		100
54) 2,4-Dinitrophenol	14.687	184	180303	103.187	ng		96
55) Dibenzofuran	14.945	168	798266	42.936	ng		98
56) 4-Nitrophenol	14.787	139	225181	88.830	ng		96
57) 2,4-Dinitrotoluene	14.934	165	205652	46.632	ng		96
58) Fluorene	15.598	166	637965	43.082	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	215296	49.885	ng		94
60) Diethylphthalate	15.381	149	646614	42.440	ng		98
61) 4-Chlorophenyl-phenyle...	15.593	204	364009	43.736	ng		95
62) 4-Nitroaniline	15.634	138	137043	42.273	ng		99
63) Azobenzene	15.887	77	601473	40.825	ng		98
65) 4,6-Dinitro-2-methylph...	15.693	198	125321	50.836	ng		96
66) n-Nitrosodiphenylamine	15.816	169	552096	42.640	ng		99
67) 4-Bromophenyl-phenylether	16.492	248	241445	44.673	ng		96
68) Hexachlorobenzene	16.598	284	281823	44.653	ng		93
69) Atrazine	16.781	200	221633	51.584	ng		96
70) Pentachlorophenol	16.951	266	366338	93.206	ng		99
71) Phenanthrene	17.351	178	1016291	44.668	ng		99
72) Anthracene	17.439	178	1017863	44.847	ng		99
73) Carbazole	17.722	167	893017	43.311	ng		99
74) Di-n-butylphthalate	18.275	149	1057061	42.400	ng		99
75) Fluoranthene	19.322	202	1230964	44.289	ng		99
77) Benzidine	19.516	184	438425	51.222	ng		99
78) Pyrene	19.675	202	1253129	43.370	ng		100
80) Butylbenzylphthalate	20.563	149	458416	42.484	ng		97
81) Benzo(a)anthracene	21.398	228	1271622	44.124	ng		100
82) 3,3'-Dichlorobenzidine	21.333	252	400889	38.174	ng		98
83) Chrysene	21.451	228	1184969	43.309	ng		99
84) Bis(2-ethylhexyl)phtha...	21.328	149	637184	38.780	ng		99
85) Di-n-octyl phthalate	22.275	149	1109550	38.381	ng		99
87) Indeno(1,2,3-cd)pyrene	26.404	276	1807666	46.354	ng		97
88) Benzo(b)fluoranthene	23.104	252	1350394	42.057	ng		99
89) Benzo(k)fluoranthene	23.157	252	1323801	43.161	ng		99
90) Benzo(a)pyrene	23.739	252	1278286	44.743	ng		99
91) Dibenzo(a,h)anthracene	26.433	278	1475161	45.994	ng	#	98
92) Benzo(g,h,i)perylene	27.186	276	1422232	43.709	ng		98

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

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