Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019476.D
Acq On : 29 Jan 2024 21:01
Operator : MA/JU
Sample : P1260-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-03-01252024MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Quant Time: Jan 30 01:22:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 00:59:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	59395	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	198752	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	112929	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	258108	20.000	ng		0.00
76) Chrysene-d12	21.421	240	284867	20.000	ng		0.00
86) Perylene-d12	23.851	264	328713	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	345200	92.480	ng		0.00
7) Phenol-d6	7.105	99	436447	80.094	ng		0.00
23) Nitrobenzene-d5	9.099	82	307276	63.616	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	151158	97.696	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	552487	62.993	ng		0.00
79) Terphenyl-d14	19.892	244	937435	46.884	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	59741	42.630	ng		99
3) Pyridine	3.799	79	150344	36.403	ng		98
4) n-Nitrosodimethylamine	3.722	42	107011	47.096	ng		93
6) Aniline	7.263	93	132197	24.142	ng		97
8) 2-Chlorophenol	7.493	128	165908	41.523	ng		98
9) Benzaldehyde	7.081	77	93336	31.525	ng		96
10) Phenol	7.128	94	216093	40.123	ng		99
11) bis(2-Chloroethyl)ether	7.369	93	164936	39.816	ng		98
12) 1,3-Dichlorobenzene	7.816	146	192631	41.064	ng		94
13) 1,4-Dichlorobenzene	7.969	146	199030	41.697	ng		99
14) 1,2-Dichlorobenzene	8.281	146	186100	40.433	ng		97
15) Benzyl Alcohol	8.181	79	184493	38.678	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	215554m	38.364	ng		
17) 2-Methylphenol	8.381	107	140275	37.681	ng		96
18) Hexachloroethane	9.004	117	76294	39.853	ng		99
19) n-Nitroso-di-n-propyla...	8.746	70	138389	33.643	ng		99
20) 3+4-Methylphenols	8.710	107	183893	35.505	ng		98
22) Acetophenone	8.763	105	275583	46.243	ng	#	99
24) Nitrobenzene	9.146	77	213100	43.340	ng		100
25) Isophorone	9.669	82	363414	39.995	ng		99
26) 2-Nitrophenol	9.851	139	81036	47.142	ng		99
27) 2,4-Dimethylphenol	9.910	122	119060	50.434	ng		96
28) bis(2-Chloroethoxy)met...	10.157	93	196896	40.900	ng		98
29) 2,4-Dichlorophenol	10.381	162	148090	43.589	ng		98
30) 1,2,4-Trichlorobenzene	10.593	180	176364	44.660	ng		99
31) Naphthalene	10.787	128	537792	48.496	ng		100
32) Benzoic acid	10.046	122	94707	39.538	ng		98
33) 4-Chloroaniline	10.904	127	77433	17.723	ng		99
34) Hexachlorobutadiene	11.057	225	125966	44.008	ng		99
35) Caprolactam	11.681	113	47267m	39.166	ng		
36) 4-Chloro-3-methylphenol	12.022	107	167283	38.752	ng		100
37) 2-Methylnaphthalene	12.392	142	368491	46.360	ng		99
38) 1-Methylnaphthalene	12.610	142	336760	42.832	ng		98
40) 1,2,4,5-Tetrachloroben...	12.751	216	193498	50.122	ng		98
41) Hexachlorocyclopentadiene	12.728	237	110159	63.238	ng		96
43) 2,4,6-Trichlorophenol	12.998	196	118474	47.774	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	128908	46.277	ng	98
46) 1,1'-Biphenyl	13.404	154	427462	49.006	ng	100
47) 2-Chloronaphthalene	13.445	162	329670	46.524	ng	99
48) 2-Nitroaniline	13.651	65	115142	46.668	ng	98
49) Acenaphthylene	14.287	152	528953	50.424	ng	99
50) Dimethylphthalate	14.034	163	391385	42.352	ng	100
51) 2,6-Dinitrotoluene	14.157	165	84208	41.877	ng	99
52) Acenaphthene	14.628	154	396132	60.949	ng	97
53) 3-Nitroaniline	14.475	138	61321	32.036	ng	98
54) 2,4-Dinitrophenol	14.686	184	54902	49.281	ng	96
55) Dibenzofuran	14.963	168	609498	57.203	ng	99
56) 4-Nitrophenol	14.786	139	157436	100.696	ng	100
57) 2,4-Dinitrotoluene	14.939	165	120246	43.743	ng	97
58) Fluorene	15.616	166	540037	61.258	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	116114m	48.065	ng	
60) Diethylphthalate	15.398	149	400662	41.487	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	204399	42.809	ng	99
62) 4-Nitroaniline	15.639	138	81580	39.836	ng	98
63) Azobenzene	15.910	77	431546	44.369	ng	95
65) 4,6-Dinitro-2-methylph...	15.698	198	37386	24.692	ng	96
66) n-Nitrosodiphenylamine	15.833	169	335415	43.469	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	128410	43.357	ng	96
68) Hexachlorobenzene	16.610	284	146771	43.527	ng	97
69) Atrazine	16.798	200	132093	47.693	ng	97
70) Pentachlorophenol	16.963	266	210756	95.338	ng	97
71) Phenanthrene	17.369	178	1266505	92.157	ng	99
72) Anthracene	17.457	178	735325	53.593	ng	100
73) Carbazole	17.727	167	634134	49.537	ng	99
74) Di-n-butylphthalate	18.292	149	717838	44.603	ng	99
75) Fluoranthene	19.333	202	1205661	72.469	ng	99
77) Benzidine	19.527	184	464699	61.256	ng	98
78) Pyrene	19.686	202	1156149	48.638	ng	99
80) Butylbenzylphthalate	20.580	149	365637	40.656	ng	99
81) Benzo(a)anthracene	21.404	228	1045677	50.931	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	260372	37.721	ng	99
83) Chrysene	21.457	228	967846	50.537	ng	99
84) Bis(2-ethylhexyl)phtha...	21.351	149	547879	43.477	ng	99
85) Di-n-octyl phthalate	22.304	149	1003827	50.440	ng	100
87) Indeno(1,2,3-cd)pyrene	26.415	276	1138815	51.978	ng	99
88) Benzo(b)fluoranthene	23.115	252	1013439	46.108	ng	99
89) Benzo(k)fluoranthene	23.163	252	928906	44.331	ng	99
90) Benzo(a)pyrene	23.751	252	903488	48.136	ng	98
91) Dibenzo(a,h)anthracene	26.439	278	920276	50.742	ng	98
92) Benzo(g,h,i)perylene	27.198	276	895994	49.628	ng	98

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

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