Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
Data File : BM044606.D
Acq On : 13 Mar 2024 20:24
Operator : MA/JU
Sample : PB159537BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 14 02:39:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 02:28:24 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB159537BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	232575	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	900664	20.000	ng		0.00
39) Acenaphthene-d10	14.345	164	477729	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	839398	20.000	ng		0.00
76) Chrysene-d12	21.298	240	664856	20.000	ng		0.00
86) Perylene-d12	23.544	264	798921	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1501410	92.688	ng		0.00
7) Phenol-d6	6.881	99	1815008	87.095	ng		0.00
23) Nitrobenzene-d5	8.863	82	1575711	84.283	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	460561	87.407	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	3032617	87.425	ng		0.00
79) Terphenyl-d14	19.745	244	3447446	90.708	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	264989	38.920	ng		98
3) Pyridine	3.669	79	670592	35.615	ng		98
4) n-Nitrosodimethylamine	3.593	42	337276	44.698	ng		99
6) Aniline	7.046	93	613222	24.845	ng		99
8) 2-Chlorophenol	7.269	128	791792	49.075	ng		98
9) Benzaldehyde	6.863	77	203490	18.644	ng		99
10) Phenol	6.904	94	998033	47.953	ng		98
11) bis(2-Chloroethyl)ether	7.146	93	794243	46.740	ng		97
12) 1,3-Dichlorobenzene	7.587	146	848810	48.927	ng		99
13) 1,4-Dichlorobenzene	7.740	146	857232	49.027	ng		99
14) 1,2-Dichlorobenzene	8.045	146	818366	49.079	ng		99
15) Benzyl Alcohol	7.951	79	627054m	45.768	ng		
16) 2,2'-oxybis(1-Chloropr...	8.222	45	1089339	46.237	ng		98
17) 2-Methylphenol	8.145	107	624536	44.000	ng		98
18) Hexachloroethane	8.763	117	322634	49.913	ng		99
19) n-Nitroso-di-n-propyla...	8.516	70	562663	44.211	ng		98
20) 3+4-Methylphenols	8.469	107	842464	43.982	ng		96
22) Acetophenone	8.528	105	1103617	46.641	ng	#	99
24) Nitrobenzene	8.910	77	829403	44.880	ng		98
25) Isophorone	9.428	82	1500328	46.512	ng		98
26) 2-Nitrophenol	9.610	139	398144	49.927	ng		97
27) 2,4-Dimethylphenol	9.669	122	532247	37.953	ng		99
28) bis(2-Chloroethoxy)met...	9.916	93	974132	45.477	ng		98
29) 2,4-Dichlorophenol	10.134	162	646627	48.379	ng		99
30) 1,2,4-Trichlorobenzene	10.345	180	690812	48.583	ng		100
31) Naphthalene	10.534	128	2273578	45.997	ng		100
32) Benzoic acid	9.810	122	480546	43.318	ng		99
33) 4-Chloroaniline	10.657	127	280539	13.529	ng		99
34) Hexachlorobutadiene	10.804	225	382933	48.301	ng		99
35) Caprolactam	11.451	113	191625m	44.445	ng		
36) 4-Chloro-3-methylphenol	11.781	107	660293	45.020	ng		98
37) 2-Methylnaphthalene	12.151	142	1462072	43.580	ng		99
38) 1-Methylnaphthalene	12.375	142	1354759	43.328	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	667953	49.270	ng		99
41) Hexachlorocyclopentadiene	12.492	237	887685	114.938	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	451755	49.350	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	486143	44.819	ng	98
46) 1,1'-Biphenyl	13.175	154	1774034	47.480	ng	99
47) 2-Chloronaphthalene	13.216	162	1358558	49.171	ng	99
48) 2-Nitroaniline	13.433	65	419733	44.773	ng	98
49) Acenaphthylene	14.069	152	2213023	49.168	ng	100
50) Dimethylphthalate	13.822	163	1585645	44.375	ng	100
51) 2,6-Dinitrotoluene	13.945	165	338558	45.498	ng	94
52) Acenaphthene	14.410	154	1236222	45.436	ng	99
53) 3-Nitroaniline	14.269	138	207101	23.768	ng	100
54) 2,4-Dinitrophenol	14.480	184	428738	87.610	ng	96
55) Dibenzofuran	14.751	168	1931990	44.740	ng	99
56) 4-Nitrophenol	14.580	139	649439	90.753	ng	94
57) 2,4-Dinitrotoluene	14.733	165	450086	46.292	ng	98
58) Fluorene	15.404	166	1490535	44.325	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.974	232	377986	44.884	ng	99
60) Diethylphthalate	15.192	149	1584013	43.790	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	712324	44.124	ng	99
62) 4-Nitroaniline	15.439	138	358479	41.186	ng	97
63) Azobenzene	15.698	77	1685326	45.073	ng	98
65) 4,6-Dinitro-2-methylph...	15.492	198	253267	48.112	ng	98
66) n-Nitrosodiphenylamine	15.621	169	1277141	48.819	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	421993	48.604	ng	98
68) Hexachlorobenzene	16.398	284	481430	52.163	ng	96
69) Atrazine	16.586	200	398998	48.809	ng	97
70) Pentachlorophenol	16.751	266	638832	96.227	ng	98
71) Phenanthrene	17.145	178	2181135	47.020	ng	100
72) Anthracene	17.239	178	2204372	47.382	ng	100
73) Carbazole	17.515	167	2050365	46.793	ng	100
74) Di-n-butylphthalate	18.086	149	2619282	46.391	ng	99
75) Fluoranthene	19.168	202	2285830	44.082	ng	99
77) Benzidine	19.368	184	944084	54.942	ng	100
78) Pyrene	19.527	202	2392049	49.089	ng	100
80) Butylbenzylphthalate	20.451	149	1083552	49.340	ng	97
81) Benzo(a)anthracene	21.286	228	2225547	48.109	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	623589	39.139	ng	98
83) Chrysene	21.339	228	2114045	47.824	ng	100
84) Bis(2-ethylhexyl)phtha...	21.233	149	1631504	49.312	ng	99
85) Di-n-octyl phthalate	22.121	149	2799980	48.789	ng	99
87) Indeno(1,2,3-cd)pyrene	25.821	276	3112960	53.900	ng	99
88) Benzo(b)fluoranthene	22.874	252	2344256	49.930	ng	99
89) Benzo(k)fluoranthene	22.921	252	2226658	46.133	ng	99
90) Benzo(a)pyrene	23.450	252	2199376	48.028	ng	100
91) Dibenzo(a,h)anthracene	25.838	278	2564749	52.675	ng	100
92) Benzo(g,h,i)perylene	26.521	276	2494490	52.045	ng	98

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

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