Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
Data File : BM044605.D
Acq On : 13 Mar 2024 19:48
Operator : MA/JU
Sample : PB159537BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 14 02:38:49 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 :
PB159537BS

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	219894	20.000	ng		0.00
21) Naphthalene-d8	10.480	136	845308	20.000	ng		0.00
39) Acenaphthene-d10	14.345	164	448734	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	794940	20.000	ng		0.00
76) Chrysene-d12	21.297	240	636947	20.000	ng		0.00
86) Perylene-d12	23.544	264	772733	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1415334	92.413	ng		0.00
7) Phenol-d6	6.881	99	1723624	87.479	ng		0.00
23) Nitrobenzene-d5	8.863	82	1496681	85.299	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	439002	88.699	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	2886622	88.594	ng		0.00
79) Terphenyl-d14	19.745	244	3343767	91.835	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	246482	38.289	ng		100
3) Pyridine	3.669	79	633435	35.582	ng		99
4) n-Nitrosodimethylamine	3.593	42	316089	44.306	ng		98
6) Aniline	7.045	93	587079	25.158	ng		99
8) 2-Chlorophenol	7.269	128	744838	48.827	ng		98
9) Benzaldehyde	6.863	77	191805	18.587	ng		98
10) Phenol	6.904	94	942874	47.916	ng		99
11) bis(2-Chloroethyl)ether	7.145	93	745648	46.410	ng		99
12) 1,3-Dichlorobenzene	7.587	146	793048	48.349	ng		99
13) 1,4-Dichlorobenzene	7.739	146	805147	48.704	ng		99
14) 1,2-Dichlorobenzene	8.045	146	766963	48.649	ng		98
15) Benzyl Alcohol	7.951	79	588095m	45.400	ng		
16) 2,2'-oxybis(1-Chloropr...	8.222	45	1041289	46.746	ng		98
17) 2-Methylphenol	8.145	107	588434	43.847	ng		99
18) Hexachloroethane	8.763	117	301256	49.293	ng		98
19) n-Nitroso-di-n-propyla...	8.516	70	539866	44.866	ng		98
20) 3+4-Methylphenols	8.469	107	797359	44.028	ng		96
22) Acetophenone	8.528	105	1050090	47.285	ng	#	100
24) Nitrobenzene	8.904	77	785563	45.291	ng		100
25) Isophorone	9.428	82	1407730	46.499	ng		99
26) 2-Nitrophenol	9.610	139	367539	49.107	ng		97
27) 2,4-Dimethylphenol	9.669	122	501530	38.104	ng		98
28) bis(2-Chloroethoxy)met...	9.916	93	922734	45.898	ng		100
29) 2,4-Dichlorophenol	10.133	162	613984	48.945	ng		99
30) 1,2,4-Trichlorobenzene	10.345	180	642914	48.176	ng		99
31) Naphthalene	10.533	128	2145515	46.248	ng		100
32) Benzoic acid	9.810	122	449738	43.206	ng		99
33) 4-Chloroaniline	10.657	127	292963	15.053	ng		97
34) Hexachlorobutadiene	10.804	225	361614	48.599	ng		99
35) Caprolactam	11.445	113	178048m	44.001	ng		
36) 4-Chloro-3-methylphenol	11.780	107	626143	45.487	ng		99
37) 2-Methylnaphthalene	12.151	142	1387737	44.073	ng		99
38) 1-Methylnaphthalene	12.374	142	1281550	43.671	ng		100
40) 1,2,4,5-Tetrachloroben...	12.522	216	625898	49.151	ng		99
41) Hexachlorocyclopentadiene	12.486	237	830790	114.521	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	427195	49.682	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	460043	45.153	ng	99
46) 1,1'-Biphenyl	13.180	154	1699789	48.432	ng	100
47) 2-Chloronaphthalene	13.216	162	1283781	49.466	ng	99
48) 2-Nitroaniline	13.433	65	400998	45.538	ng	99
49) Acenaphthylene	14.068	152	2093045	49.508	ng	100
50) Dimethylphthalate	13.821	163	1506308	44.878	ng	100
51) 2,6-Dinitrotoluene	13.945	165	320066	45.793	ng	93
52) Acenaphthene	14.410	154	1170975	45.818	ng	99
53) 3-Nitroaniline	14.268	138	203023	24.806	ng	97
54) 2,4-Dinitrophenol	14.480	184	399790	87.007	ng	96
55) Dibenzofuran	14.751	168	1831156	45.145	ng	100
56) 4-Nitrophenol	14.580	139	618354	91.993	ng	94
57) 2,4-Dinitrotoluene	14.733	165	430097	47.094	ng	99
58) Fluorene	15.404	166	1422497	45.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.974	232	362940	45.882	ng	99
60) Diethylphthalate	15.192	149	1509705	44.433	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	687974	45.370	ng	99
62) 4-Nitroaniline	15.439	138	340169	41.608	ng	97
63) Azobenzene	15.698	77	1616131	46.015	ng	98
65) 4,6-Dinitro-2-methylph...	15.492	198	241326	48.407	ng	97
66) n-Nitrosodiphenylamine	15.621	169	1213155	48.967	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	401626	48.845	ng	97
68) Hexachlorobenzene	16.398	284	455916	52.161	ng	95
69) Atrazine	16.586	200	379025	48.959	ng	99
70) Pentachlorophenol	16.751	266	615616	97.916	ng	98
71) Phenanthrene	17.145	178	2088651	47.545	ng	100
72) Anthracene	17.239	178	2109480	47.878	ng	100
73) Carbazole	17.515	167	1968818	47.445	ng	100
74) Di-n-butylphthalate	18.086	149	2498122	46.720	ng	99
75) Fluoranthene	19.168	202	2189095	44.578	ng	98
77) Benzidine	19.368	184	881203	53.529	ng	99
78) Pyrene	19.533	202	2298414	49.234	ng	99
80) Butylbenzylphthalate	20.450	149	1032187	49.060	ng	98
81) Benzo(a)anthracene	21.286	228	2128039	48.017	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	590176	38.665	ng	100
83) Chrysene	21.339	228	2024819	47.812	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	1558232	49.161	ng	99
85) Di-n-octyl phthalate	22.121	149	2676176	48.675	ng	99
87) Indeno(1,2,3-cd)pyrene	25.827	276	3078434	55.108	ng	99
88) Benzo(b)fluoranthene	22.874	252	2263499	49.844	ng	99
89) Benzo(k)fluoranthene	22.921	252	2156493	46.193	ng	99
90) Benzo(a)pyrene	23.450	252	2137733	48.264	ng	100
91) Dibenzo(a,h)anthracene	25.838	278	2517833	53.464	ng	100
92) Benzo(g,h,i)perylene	26.515	276	2437288	52.575	ng	100

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

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