Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032724\
Data File : BM044779.D
Acq On : 27 Mar 2024 15:05
Operator : MA/JU
Sample : PB159793BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 27 15:39:54 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 :
PB159793BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2024
Supervised By :mohammad ahmed 03/29/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	179530	20.000	ng		-0.02
21) Naphthalene-d8	10.469	136	675482	20.000	ng		-0.02
39) Acenaphthene-d10	14.333	164	319866	20.000	ng		-0.02
64) Phenanthrene-d10	17.092	188	549161	20.000	ng		-0.01
76) Chrysene-d12	21.291	240	399560	20.000	ng		-0.01
86) Perylene-d12	23.538	264	489904	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.298	112	1704994	136.356	ng		0.00
7) Phenol-d6	6.875	99	2006456	124.729	ng		0.00
23) Nitrobenzene-d5	8.851	82	1247618	88.981	ng		-0.01
42) 2,4,6-Tribromophenol	15.839	330	488466	138.454	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	2195632	94.535	ng		-0.02
79) Terphenyl-d14	19.733	244	2165361	94.804	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	182588	34.741	ng		96
3) Pyridine	3.669	79	444652	30.593	ng		93
4) n-Nitrosodimethylamine	3.587	42	319582	54.867	ng		81
6) Aniline	7.028	93	343823	18.046	ng		98
8) 2-Chlorophenol	7.257	128	590910	47.446	ng		99
9) Benzaldehyde	6.845	77	71712m	8.512	ng		
10) Phenol	6.898	94	719873	44.808	ng		91
11) bis(2-Chloroethyl)ether	7.128	93	565756	43.131	ng		99
12) 1,3-Dichlorobenzene	7.575	146	632996	47.268	ng		99
13) 1,4-Dichlorobenzene	7.722	146	645624	47.835	ng		99
14) 1,2-Dichlorobenzene	8.034	146	616754	47.917	ng		99
15) Benzyl Alcohol	7.939	79	490246	46.355	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.204	45	837642m	46.059	ng		
17) 2-Methylphenol	8.134	107	459081	41.900	ng		98
18) Hexachloroethane	8.745	117	248589	49.821	ng		96
19) n-Nitroso-di-n-propyla...	8.498	70	403050	41.027	ng		93
20) 3+4-Methylphenols	8.463	107	610229	41.271	ng		97
22) Acetophenone	8.516	105	817588	46.071	ng	#	95
24) Nitrobenzene	8.892	77	626374	45.193	ng		99
25) Isophorone	9.416	82	1069784	44.221	ng		97
26) 2-Nitrophenol	9.592	139	305790	51.129	ng	#	94
27) 2,4-Dimethylphenol	9.657	122	396986	37.745	ng		97
28) bis(2-Chloroethoxy)met...	9.898	93	661744	41.192	ng		99
29) 2,4-Dichlorophenol	10.122	162	470964	46.983	ng		98
30) 1,2,4-Trichlorobenzene	10.333	180	513392	48.142	ng		100
31) Naphthalene	10.516	128	1636681	44.150	ng		100
32) Benzoic acid	9.822	122	339126	40.975	ng		96
33) 4-Chloroaniline	10.639	127	222592	14.313	ng		100
34) Hexachlorobutadiene	10.780	225	299685	50.402	ng		98
35) Caprolactam	11.451	113	136019m	42.065	ng		
36) 4-Chloro-3-methylphenol	11.774	107	459047	41.732	ng		100
37) 2-Methylnaphthalene	12.139	142	998406	39.680	ng		98
38) 1-Methylnaphthalene	12.357	142	950288	40.524	ng		99
40) 1,2,4,5-Tetrachloroben...	12.510	216	488593	53.827	ng		99
41) Hexachlorocyclopentadiene	12.469	237	490103	94.777	ng		99
43) 2,4,6-Trichlorophenol	12.757	196	319354	52.104	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	331003	45.577	ng		98
46) 1,1'-Biphenyl	13.163	154	1215655	48.593	ng		100
47) 2-Chloronaphthalene	13.204	162	943333	50.992	ng		99
48) 2-Nitroaniline	13.427	65	304276	48.475	ng		97
49) Acenaphthylene	14.057	152	1507017	50.007	ng		100
50) Dimethylphthalate	13.810	163	1048066	43.806	ng		99
51) 2,6-Dinitrotoluene	13.933	165	229611	46.086	ng		99
52) Acenaphthene	14.398	154	834247	45.794	ng		99
53) 3-Nitroaniline	14.263	138	183210	31.404	ng		98
54) 2,4-Dinitrophenol	14.480	184	261297	80.151	ng		95
55) Dibenzofuran	14.739	168	1299059	44.930	ng		98
56) 4-Nitrophenol	14.580	139	411804	85.946	ng		92
57) 2,4-Dinitrotoluene	14.727	165	303580	46.633	ng	#	88
58) Fluorene	15.392	166	1003323	44.561	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.968	232	256967	45.573	ng		99
60) Diethylphthalate	15.174	149	1018908	42.069	ng		100
61) 4-Chlorophenyl-phenyle...	15.392	204	472285	43.694	ng		99
62) 4-Nitroaniline	15.433	138	244173m	41.898	ng		
63) Azobenzene	15.686	77	1066576	42.602	ng		96
65) 4,6-Dinitro-2-methylph...	15.492	198	160137	46.498	ng		97
66) n-Nitrosodiphenylamine	15.610	169	824131	48.152	ng		98
67) 4-Bromophenyl-phenylether	16.286	248	276292	48.641	ng		99
68) Hexachlorobenzene	16.392	284	321746	53.286	ng		93
69) Atrazine	16.574	200	204797	38.293	ng		99
70) Pentachlorophenol	16.745	266	400948	92.314	ng		99
71) Phenanthrene	17.133	178	1404300	46.273	ng		100
72) Anthracene	17.227	178	1401366	46.041	ng		100
73) Carbazole	17.504	167	1293600	45.125	ng		99
74) Di-n-butylphthalate	18.074	149	1554745	42.090	ng		99
75) Fluoranthene	19.156	202	1422989	41.946	ng		98
77) Benzidine	19.356	184	417891	40.467	ng		98
78) Pyrene	19.521	202	1479783	50.531	ng		99
80) Butylbenzylphthalate	20.439	149	624329	47.305	ng		96
81) Benzo(a)anthracene	21.280	228	1310932	47.153	ng		99
82) 3,3'-Dichlorobenzidine	21.221	252	445853	46.564	ng		99
83) Chrysene	21.333	228	1217353	45.824	ng		99
84) Bis(2-ethylhexyl)phtha...	21.215	149	841439	42.319	ng		98
85) Di-n-octyl phthalate	22.109	149	1462692	42.410	ng		98
87) Indeno(1,2,3-cd)pyrene	25.821	276	2056958	58.080	ng		97
88) Benzo(b)fluoranthene	22.868	252	1460114	50.715	ng		98
89) Benzo(k)fluoranthene	22.915	252	1356544	45.834	ng		98
90) Benzo(a)pyrene	23.444	252	1370844	48.817	ng		99
91) Dibenzo(a,h)anthracene	25.838	278	1709884	57.269	ng		98
92) Benzo(g,h,i)perylene	26.515	276	1709036	58.148	ng		97

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

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