Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042507.D
Acq On : 31 Oct 2023 12:25
Operator : MA/JU
Sample : PB156500BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 01:24:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB156500BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
11/01/2023
Supervised By :mohammad ahmed
11/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	107459	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	434565	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	244275	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	455634	20.000	ng	0.00
76) Chrysene-d12	21.503	240	331783	20.000	ng	0.00
86) Perylene-d12	23.921	264	308790	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1029239	154.577	ng	0.00
7) Phenol-d6	7.098	99	1300227	142.385	ng	0.00
23) Nitrobenzene-d5	9.128	82	893796	95.879	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	461729	144.778	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1780848	98.099	ng	0.00
79) Terphenyl-d14	19.939	244	2235915	114.268	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	123394	38.886	ng	98
3) Pyridine	3.752	79	289003	31.749	ng	98
4) n-Nitrosodimethylamine	3.669	42	208736	47.650	ng	93
6) Aniline	7.275	93	412638	35.549	ng	98
8) 2-Chlorophenol	7.487	128	356415	49.643	ng	98
9) Benzaldehyde	7.128	77	11599m	2.204	ng	
10) Phenol	7.128	94	455988	49.167	ng	97
11) bis(2-Chloroethyl)ether	7.369	93	360723	45.976	ng	98
12) 1,3-Dichlorobenzene	7.804	146	379518	48.911	ng	99
13) 1,4-Dichlorobenzene	7.963	146	387483	49.342	ng	97
14) 1,2-Dichlorobenzene	8.275	146	372041	49.070	ng	99
15) Benzyl Alcohol	8.192	79	338509	52.361	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.457	45	584042m	46.777	ng	
17) 2-Methylphenol	8.381	107	300509	45.762	ng	98
18) Hexachloroethane	8.986	117	155561	50.627	ng	96
19) n-Nitroso-di-n-propyla...	8.751	70	300168	46.466	ng	96
20) 3+4-Methylphenols	8.716	107	397345	45.258	ng	96
22) Acetophenone	8.781	105	545813	49.801	ng #	100
24) Nitrobenzene	9.175	77	446205	48.596	ng	99
25) Isophorone	9.686	82	775748	47.015	ng	99
26) 2-Nitrophenol	9.869	139	186549	47.794	ng	97
27) 2,4-Dimethylphenol	9.916	122	323390	51.233	ng	98
28) bis(2-Chloroethoxy)met...	10.169	93	476741	47.959	ng	99
29) 2,4-Dichlorophenol	10.392	162	326115	52.214	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	355226	51.898	ng	98
31) Naphthalene	10.798	128	1077640	47.998	ng	100
32) Benzoic acid	10.086	122	218545	43.034	ng	98
33) 4-Chloroaniline	10.939	127	286751	32.755	ng	98
34) Hexachlorobutadiene	11.022	225	222971	53.653	ng	99
35) Caprolactam	11.798	113	89690	40.872	ng	98
36) 4-Chloro-3-methylphenol	12.045	107	338757	47.659	ng	99
37) 2-Methylnaphthalene	12.398	142	719461	45.501	ng	99
38) 1-Methylnaphthalene	12.622	142	670390	45.043	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	394090	54.002	ng	100
41) Hexachlorocyclopentadiene	12.698	237	545506	121.284	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	251048	53.710	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	272452	48.983	ng	#	94
46) 1,1'-Biphenyl	13.410	154	930073	49.809	ng		99
47) 2-Chloronaphthalene	13.463	162	690567	50.412	ng		99
48) 2-Nitroaniline	13.704	65	232793	42.665	ng		96
49) Acenaphthylene	14.304	152	1084665	47.810	ng		99
50) Dimethylphthalate	14.045	163	828474	45.378	ng		99
51) 2,6-Dinitrotoluene	14.192	165	173228	46.037	ng		99
52) Acenaphthene	14.639	154	650606	47.253	ng		98
53) 3-Nitroaniline	14.533	138	126295	31.569	ng		97
54) 2,4-Dinitrophenol	14.733	184	220418	82.305	ng		99
55) Dibenzofuran	14.974	168	1035601	46.260	ng		99
56) 4-Nitrophenol	14.833	139	266205	78.042	ng		96
57) 2,4-Dinitrotoluene	14.974	165	232653	41.397	ng		97
58) Fluorene	15.621	166	824683	45.531	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	226403	48.327	ng		98
60) Diethylphthalate	15.392	149	811028	43.848	ng		100
61) 4-Chlorophenyl-phenyle...	15.615	204	440950	48.188	ng		97
62) 4-Nitroaniline	15.698	138	135360	37.360	ng		95
63) Azobenzene	15.910	77	945091	46.368	ng		98
65) 4,6-Dinitro-2-methylph...	15.721	198	137658	47.118	ng		94
66) n-Nitrosodiphenylamine	15.845	169	678744	52.832	ng		98
67) 4-Bromophenyl-phenylether	16.510	248	249977	54.867	ng		98
68) Hexachlorobenzene	16.592	284	282572	56.062	ng		97
69) Atrazine	16.792	200	149114	40.168	ng		99
70) Pentachlorophenol	16.957	266	358608	96.776	ng		99
71) Phenanthrene	17.368	178	1166861	49.005	ng		99
72) Anthracene	17.462	178	1154493	48.951	ng		100
73) Carbazole	17.751	167	960504	50.062	ng		100
74) Di-n-butylphthalate	18.268	149	1331669	49.425	ng		99
75) Fluoranthene	19.380	202	1233696	44.108	ng		99
77) Benzidine	19.598	184	385031	120.982	ng		99
78) Pyrene	19.745	202	1281111	56.232	ng		100
80) Butylbenzylphthalate	20.627	149	529168	54.383	ng		98
81) Benzo(a)anthracene	21.492	228	1050653	49.771	ng		100
82) 3,3'-Dichlorobenzidine	21.433	252	382620	57.031	ng		97
83) Chrysene	21.545	228	1020860	47.608	ng		100
84) Bis(2-ethylhexyl)phtha...	21.374	149	785641	53.424	ng		99
85) Di-n-octyl phthalate	22.303	149	1266107	50.019	ng		99
87) Indeno(1,2,3-cd)pyrene	26.456	276	996826	54.239	ng		97
88) Benzo(b)fluoranthene	23.174	252	924324	53.729	ng		99
89) Benzo(k)fluoranthene	23.227	252	963315	50.252	ng		99
90) Benzo(a)pyrene	23.815	252	790164	46.653	ng		98
91) Dibenzo(a,h)anthracene	26.474	278	813927	47.975	ng		96
92) Benzo(g,h,i)perylene	27.244	276	857184	52.919	ng		99

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

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