Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
Data File : BM042558.D
Acq On : 02 Nov 2023 13:13
Operator : MA/JU
Sample : 05164-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 02 22:38:49 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 :
ETGI-352MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
11/03/2023
Supervised By :mohammad ahmed

11/03/2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	54395	20.000	ng		0.00
21) Naphthalene-d8	10.739	136	201663	20.000	ng		-0.01
39) Acenaphthene-d10	14.574	164	115406	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	248463	20.000	ng		0.00
76) Chrysene-d12	21.509	240	245750	20.000	ng		0.00
86) Perylene-d12	23.933	264	281783	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	396193	117.549	ng		0.00
7) Phenol-d6	7.092	99	479055	103.637	ng		0.00
23) Nitrobenzene-d5	9.128	82	453652	104.866	ng		0.00
42) 2,4,6-Tribromophenol	16.074	330	216563	143.731	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	882175	102.859	ng		0.00
79) Terphenyl-d14	19.945	244	1533942	105.838	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	57930	36.065	ng	#	82
3) Pyridine	3.746	79	143684	31.183	ng		96
4) n-Nitrosodimethylamine	3.669	42	105861	47.740	ng		84
6) Aniline	7.269	93	113282	19.280	ng		99
8) 2-Chlorophenol	7.481	128	134543	37.021	ng		97
9) Benzaldehyde	7.087	77	35825	13.447	ng		97
10) Phenol	7.116	94	159075	33.885	ng		92
11) bis(2-Chloroethyl)ether	7.363	93	163266	41.109	ng		98
12) 1,3-Dichlorobenzene	7.798	146	167753	42.709	ng		95
13) 1,4-Dichlorobenzene	7.957	146	173814	43.725	ng		96
14) 1,2-Dichlorobenzene	8.269	146	166158	43.294	ng		99
15) Benzyl Alcohol	8.187	79	156539m	47.835	ng		
16) 2,2'-oxybis(1-Chloropr...	8.451	45	257648	40.766	ng		99
17) 2-Methylphenol	8.375	107	116143	34.940	ng		97
18) Hexachloroethane	8.981	117	69682	44.801	ng		95
19) n-Nitroso-di-n-propyla...	8.739	70	140336	42.917	ng		94
20) 3+4-Methylphenols	8.710	107	149973	33.746	ng		96
22) Acetophenone	8.775	105	252539	49.653	ng	#	96
24) Nitrobenzene	9.169	77	208972	49.044	ng		99
25) Isophorone	9.675	82	370589	48.399	ng		98
26) 2-Nitrophenol	9.869	139	70886	39.772	ng	#	91
27) 2,4-Dimethylphenol	9.910	122	113139	38.624	ng		98
28) bis(2-Chloroethoxy)met...	10.163	93	211379	45.823	ng		100
29) 2,4-Dichlorophenol	10.392	162	126482	43.639	ng		98
30) 1,2,4-Trichlorobenzene	10.592	180	159453	50.200	ng		99
31) Naphthalene	10.792	128	471782	45.281	ng		99
32) Benzoic acid	10.033	122	28051m	14.877	ng		
33) 4-Chloroaniline	10.939	127	32938	8.108	ng		98
34) Hexachlorobutadiene	11.016	225	101879	52.828	ng		99
35) Caprolactam	11.775	113	40291	39.565	ng		98
36) 4-Chloro-3-methylphenol	12.045	107	136872	41.495	ng		97
37) 2-Methylnaphthalene	12.398	142	312464	42.583	ng		97
38) 1-Methylnaphthalene	12.622	142	306127	44.323	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	181741	52.713	ng		99
41) Hexachlorocyclopentadiene	12.692	237	184481	88.550	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	101231	45.842	ng		94

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44) 2,4,5-Trichlorophenol	13.086	196	112026	42.631	ng		97
46) 1,1'-Biphenyl	13.410	154	425266	48.206	ng		99
47) 2-Chloronaphthalene	13.457	162	320858	49.578	ng		98
48) 2-Nitroaniline	13.698	65	123017	47.206	ng		99
49) Acenaphthylene	14.304	152	537982	50.193	ng		99
50) Dimethylphthalate	14.039	163	410436	47.584	ng		99
51) 2,6-Dinitrotoluene	14.186	165	87031	48.957	ng		93
52) Acenaphthene	14.639	154	301784	46.393	ng		98
53) 3-Nitroaniline	14.527	138	48842	26.631	ng		96
54) 2,4-Dinitrophenol	14.739	184	34699	32.591	ng		93
55) Dibenzofuran	14.974	168	508244	48.055	ng		98
56) 4-Nitrophenol	14.833	139	114430	71.634	ng		91
57) 2,4-Dinitrotoluene	14.974	165	124514	46.368	ng		98
58) Fluorene	15.621	166	411174	48.050	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	97624	44.107	ng		98
60) Diethylphthalate	15.386	149	417455	47.772	ng		99
61) 4-Chlorophenyl-phenyle...	15.610	204	210813	48.764	ng		99
62) 4-Nitroaniline	15.692	138	74585	42.619	ng		91
63) Azobenzene	15.910	77	482446	50.100	ng		96
65) 4,6-Dinitro-2-methylph...	15.727	198	35115	25.147	ng		97
66) n-Nitrosodiphenylamine	15.839	169	339144	48.409	ng		98
67) 4-Bromophenyl-phenylether	16.509	248	124833	50.245	ng		99
68) Hexachlorobenzene	16.598	284	147241	53.570	ng		96
69) Atrazine	16.786	200	132706	65.556	ng		98
70) Pentachlorophenol	16.962	266	172578	85.406	ng		98
71) Phenanthrene	17.368	178	625584	48.179	ng		100
72) Anthracene	17.462	178	624843	48.584	ng		99
73) Carbazole	17.751	167	558002	53.333	ng		100
74) Di-n-butylphthalate	18.268	149	759061	51.663	ng		99
75) Fluoranthene	19.386	202	755284	49.519	ng		99
77) Benzidine	19.592	184	209960	89.068	ng		98
78) Pyrene	19.750	202	811667	48.099	ng		99
80) Butylbenzylphthalate	20.627	149	350742	48.665	ng		95
81) Benzo(a)anthracene	21.492	228	761993	48.734	ng		99
82) 3,3'-Dichlorobenzidine	21.439	252	174635	35.143	ng		98
83) Chrysene	21.550	228	722523	45.491	ng		100
84) Bis(2-ethylhexyl)phtha...	21.374	149	518835	47.632	ng		100
85) Di-n-octyl phthalate	22.303	149	865655	46.171	ng		99
87) Indeno(1,2,3-cd)pyrene	26.479	276	986540	58.824	ng		95
88) Benzo(b)fluoranthene	23.186	252	761145	48.485	ng		99
89) Benzo(k)fluoranthene	23.238	252	763577	43.650	ng		99
90) Benzo(a)pyrene	23.827	252	675930	43.733	ng		98
91) Dibenzo(a,h)anthracene	26.491	278	818232	52.430	ng	#	95
92) Benzo(g,h,i)perylene	27.274	276	796086	53.858	ng		96

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

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